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**COMPUTER ASSISTED INSTRUCTION:
A SELECTED BIBLIOGRAPHY AND KWIC INDEX**

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FOREWORD

This technical report supersedes Technical Memorandums numbered K-49/66, K-3/67 and K-49/67. The references contained in the report represent those reviewed in a thirty-month study of Computer Assisted Instruction conducted by the Programming Systems Branch of the Computer Programming Division. The work for the period June through August 1966 was done jointly by Dr. Wade J. Temple (Physics Department, Randolph-Macon College) and Professor Gerald L. Engel (Mathematics Department, Hampden-Sydney College). Work since that time has been done by Professor Engel.

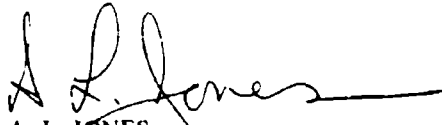
Appreciation is expressed to the educational and industrial institutions that have supplied reports of their work. Thanks are also given to Mr. M. Brody of the Computer Facilities Division for his assistance in the running of the KWIC Index on the IBM 1401 computer.

Comments or suggestions on the format or presentation of material and any additional materials for future updatings are earnestly requested. Address correspondence to:

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ABSTRACT

The report provides an annotated bibliography, referenced by Key Word In Context KWIC index to select references on Computer Assisted Instruction (CAI). This report supersedes Technical Memorandum numbered K-49/66, K-3/67, and K-49/67.

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I INTRODUCTION

The contents of this report represent the literature reviewed in a study of Computer Assisted Instruction and its potential for use in training within the Warfare Analysis Department of the U S Naval Weapons Laboratory. The purpose of this report is to assist others interested in Computer Assisted Instruction to locate documents for their own studies. The KWIC Index presentation was adopted to ease updating of material and access by the users. The numbering system is arbitrary and merely indicates the order in which the Articles were received. The numbers in Section II refer to the annotated bibliographic information in Section III.

The KWIC Index was prepared by means of the KWIC Index program for the IBM 1401 Computer. Material in the bibliographic section is in the following order: author and affiliation, title of article, source information, key words, annotation. Permutation in the KWIC Index is run on the title and key words. Common words such as *and* and *the* are automatically excluded by the program. In addition, several recurring words, such as *computer*, which give little information have been suppressed in preparation of the KWIC.

Abbreviations have been held to a minimum, but three fairly common ones, SDC-Systems Development Corporation, IBM-International Business Machines, and DEC-Digital Equipment Corporation, remain.

Computer Assisted Instruction may be thought of as any means by which educational processes are furthered by the use of computers. Every effort has been made to keep this bibliography as general as the definition. There are references to work in interactive computational languages, gaming and simulation, and education data processing. Most of the material, however, deals with tutorial interaction by means of a computer since this area appears to have the strongest relationship to the problems of training within the Laboratory. Also included are several references, included as background, in the area of programmed texts and teaching machines.

It is expected that any bibliography of this type will reflect the background and project direction of the author. However, it is hoped that this document will be as general a reference as possible. Any articles which the user feels would be appropriate for inclusion are requested so that they may be included in future updatings.

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III ANNOTATED BIBLIOGRAPHY

1. RENDICK, M. SYSTEM DEVELOPMENT CORPORATION
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DATAATION, APRIL 1961, 23-24
RENDICK, M. RANDOM ACCESS PROJECTOR
A SHORT Nontechnical Description of Certain Elements of
the Hardware Used in the SDC Automated Teaching System.
2. SWETS, J. FEURZEIG, W. BOLT BERANEK AND NEWMAN
COMPUTER AIDED INSTRUCTION.=
SCIENCE, OCTOBER 1965, VOL. 150, PP. 572-576
SWETS, J. FEURZEIG, W. SOCRATIC TUTORIAL DIALOGUE
EXAMPLE OF SOCRATIC TEACHING DIALOGUE IN TEACHING
ALPHABET LETTER IDENTIFICATION AND MEDICAL DIAGNOSIS.
3. SILVERN, GLORIA M. NORTH AMERICAN AVIATION CO.
PROGRAMMED INSTRUCTION MATERIALS FOR PROGRAMMING. A SURVEY.=
COMPUTERS AND AUTOMATION, MARCH 1965, 26-32
SILVERN, G. TEACHING MACHINES PROGRAMMED TEXT
DISCUSSION OF PROGRAMMED INSTRUCTION AND HOW IT IS APP-
PLIED IN TEXTS AND TEACHING MACHINES. DESCRIBES 25 PROGRAMS
ON COMPUTER PROGRAMMING.
4. ADAMS, E. N. IBM WATSON RESEARCH CENTER
COMPUTER ASSISTED INSTRUCTION.=
COMPUTERS AND AUTOMATION, MARCH 1966, 12-13, 41
ADAMS, E. SURVEY
INTRODUCTION TO COMPUTER ASSISTED INSTRUCTION WITH NOTE
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5. FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN INC.
A CONVERSATIONAL TEACHING MACHINE.=
TALK GIVEN AT ACM NATIONAL MEETING, DENVER COLORADO, AUGUST
1963
FEURZEIG, W. MEDICINE SOCRATIC
TEXT OF MAN-MACHINE INTERACTION IN A SIMULATED MEDICAL
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6. MCCracken, DANIEL D.
THE STUDENT OF TOMORROW.=
DATAATION, JANUARY 1966, 25-26
MCCRACKEN, D. LEARNING INTERACTIVE
DISCUSSES LEARNING PROCESS MOTIVATED BY A REMOTE TERMINAL
AVAILABLE IN THE DORMITORY OF THE FUTURE.
7. COOLEY, E. F. THE PRUDENTIAL INS. CO. OF AMERICA
AUTOMATED TEACHING.=
COMPUTERS AND AUTOMATION, JULY 1961, 10-12
COOLEY, E. TEACHING MACHINES PROGRAMMED TEXT SDC
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- 8 SILVERN, GLORIA M. NORTH AMERICAN AVIATION CO.
PROGRAMMED INSTRUCTION FOR COMPUTER PROGRAMMING.=
COMPUTERS AND AUTOMATION, MARCH 1963, 12-18
SILVERN, G. PROGRAMMED TEXT
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COMPUTER PROGRAMMING FIELD, AND DISCUSSES HOW ONE MIGHT
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- 9 GRUBB, R.E., SELFRIDGE, L.D. IBM WATSON RESEARCH CENTER
THE COMPUTER TUTORING OF STATISTICS. A PRELIMINARY REPORT.=
IBM RESEARCH REPORT RC-724, JULY 10, 1962
GRUBB, R. SELFRIDGE, L. IBM COURSE RANDOM ACCESS
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COMPUTER WITH A DISCUSSION OF INITIAL RESULTS.
- 10 PACKER, R.E. DUNLAP AND ASSOCIATES
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COMPUTERS AND AUTOMATION, MARCH 1965, 14-17
PACKER, R.
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- 11 RICHARDSON, JESSIE B. BOARD OF EDUCATION, COMMONWEALTH OF
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TEACHING MATHEMATICS USING A TIME-SHARED COMPUTER SYSTEM.=
COMPUTERS AND AUTOMATION, MARCH 1966, 14-17
RICHARDSON, J. PROBLEM SOLVING TIME SHARE
DESCRIBES THE LEARNING OF MATHEMATICS BY PROGRAMMING
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- 12 COMPUTER-AIDED TEACHING.=
COMPUTERS AND AUTOMATION, MARCH 1964, 16-19, 36
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- 13 PROGRESS IN PI.=
DATA AND CONTROL, APRIL 1965, 26-27, 31, 38
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- 14 GRUBB, R.E. AND SELFRIDGE, L.D. IBM WATSON RESEARCH CENTER
COMPUTER TUTORING IN STATISTICS.=
COMPUTERS AND AUTOMATION, MARCH 1964, 20-26
GRUBB, R. SELFRIDGE, L. COURSE RANDOM ACCESS IBM 650
BRIEF ACCOUNT OF STATISTICS COURSE ON IBM 650 COMPUTER.
- 15 UTTAL, W.R., CHARAP, M., AND MAHER, A. IBM RESEARCH CENTER
THE COMPUTER TUTORING OF STENOGRAPHY. A PRELIMINARY REPORT.=

IBM RESEARCH REPORT RC-663, APRIL 11, 1962
 LITTL, W. CHARAP, M. MAHER, A. COURSE RANDOM ACCESS IBM 650
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- 16 CHAPMAN, ROBERT L. RAND WOODBRIDGE
 PROGRAMMED LEARNING AND THE USE OF TEACHING MACHINES.=
 COMPUTERS AND AUTOMATION, OCTOBER 1961, 21-23
 CHAPMAN, R. INDUSTRIAL TRAINING PROGRAMMED TEXT
 APPEAL TO INDUSTRY TO USE PROGRAMMED INSTRUCTION MATERIAL
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- 17 MACDONALD, NEIL
 THE ROLE OF COMPUTERS IN EDUCATION.=
 COMPUTERS AND AUTOMATION, MARCH 1964, 13-14
 MACDONALD, N. TIME SHARE
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- 18 MAHER, A. IBM WATSON RESEARCH CENTER
 COMPUTER-BASED INSTRUCTION (CBI)-INTRODUCTION TO THE IBM
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 IBM RESEARCH REPORT RC-1114, MARCH 6, 1964
 MAHER, A. COURSEWRITER IBM 1410
 SUMMARY OF IBM WORK TO 1964. DESCRIBES 1410 SYSTEM AND
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- 19 BUSHNELL, DONALD D. BROOKS FOUNDATION
 COMPUTER-MEDIATED INSTRUCTION - A SURVEY OF NEW DEVELOPMENTS
 COMPUTERS AND AUTOMATION, MARCH 1965, 18-20
 BUSHNELL, D. SIMULATION INFORMATION RETRIEVAL
 INDICATES USE OF COMPUTERS IN SCHOOLS FOR SIMULATION,
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- 20 MITZEL, F. PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF
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 DEVELOPMENT AND PRESENTATION OF FOUR COURSES BY COMPUTER
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 INTERIM REPORT, APRIL 1966
 MITZEL, F. PENNSYLVANIA STATE COST ACCOUNTING AUDIOLOGY
 MATHEMATICS ENGINEERING ECONOMICS
 REPORT OF WORK IN COURSES IN AUDIOLOGY, MODERN MATHEMAT-
 ICS, ENGINEERING ECONOMICS AND INTRODUCTORY MANAGEMENT
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- 21 KOPPITZ, W. J. INTERNATIONAL BUSINESS MACHINES
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IBM LIMITED DISTRIBUTION NOTICE NC-286, AUGUST 20, 1963
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A NOTE TO ACQUAINT INTERESTED PERSONS AT IBM WITH WORK IN
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- 22 ROGERS, J. AND COOK, R. BASIC SYSTEMS, INC.
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DATAMATION, MAY 1966, 41-42, 44
ROGERS, J. COOK, R. NATURAL LANGUAGE
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- 23 COMPUTER ASSISTED INSTRUCTION.=
IBM SYSTEM ENGINEERING SYMPOSIUM, 1965
IBM
A BRIEF DESCRIPTION OF CAI FOR THE SYSTEMS ENGINEERS
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- 24 FEURZEIG, W. BELT, BERANEK AND NEWMAN
CONVERSATIONAL TEACHING MACHINE.=
DATAMATION, JUNE 1964, 38-42
FEURZEIG, W. SOCRATIC TUTORIAL DIALOGUE MEDICAL
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- 25 SHETTEL, H. AND YENS, D.
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COMPUTER DIGEST, MARCH 1966, 3-4
SHETTEL, H. YENS, D. QUERY INFORMATION RETRIEVAL
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DESCRIBES EQUIPMENT.
- 26 UTTAL, W. INTERNATIONAL BUSINESS MACHINES
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IBM RESEARCH REPORT RC-532, SEPTEMBER 14, 1961
UTTAL, W. IBM STENOGRAPHY STATISTICS GERMAN
A PAPER ON THE USE OF IBM 650 TO TEACH COURSES IN STENO-
GRAPHY, EDUCATIONAL STATISTICS, AND GERMAN. GOOD FOR HISTOR-
ICAL BACKGROUND.
- 27 ZAHL, H. IRE
FIFTY YEARS OF TEACHING MACHINES.=
PROCEEDINGS OF THE IRE, MAY 1962, 575-578
ZAHL, H.
NUMEROUS ACCOUNT OF THE ART IN THE YEAR 2012. DESCRIBES
A SOCIETY TAUGHT BY COMPUTERS.
- 28 BERGSTEIN, H. DATAMATION
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DATAMATION, APRIL 1961, 18-20

- BERNSTEIN, H. BUSHNELL, D. CLASS JOVIAL SDC
AN EARLY ACCOUNT OF SYSTEM DEVELOPMENT CORPORATION
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- 29 BUSHNELL, D. SYSTEM DEVELOPMENT CORPORATION
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- 30 KOPPITZ, W., CHARAP, M. INTERNATIONAL BUSINESS MACHINES
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IBM RESEARCH PAPER RC-758, AUGUST 1, 1962
KOPPITZ, W. CHARAP, M. IBM
A FIRST ATTEMPT TO TEACH A FOREIGN LANGUAGE BY COMPUTER
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- 31 BULLARD, MARTHA B. AUERBACH
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AUERBACH REPORT PR 7608
BULLARD, M. PROGRAMMED TEXT LINEAR
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- 32 P.I. FOR COMPUTER INSTRUCTION.=
AUTOMATIC DATA PROCESSING NEWSLETTER, MARCH 20, 1965
PROGRAMMED TEXT TRAINING INDUSTRY
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- 33 KOPPITZ, WERNER J. IBM WATSON RESEARCH CENTER
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KOPPITZ, W. SURVEY
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- 34 EDUCATION.=
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- 35 FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN INC.
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COMPUTERS AND AUTOMATION, MARCH 1965, 22-24
FEURZEIG, W. Socratic

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- 36 MAY, KENNETH O. CARLETON COLLEGE
PROGRAMMED LEARNING AND MATHEMATICAL EDUCATION.=
COMMITTEE ON EDUCATIONAL MEDIA, MATHEMATICAL ASSOCIATION OF
AMERICA, 1965
MAY, K. INSTRUCTION
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- 37 RANSOM, CHARLES E. BRANDON APPLIED SYSTEMS, INC.
COMPUTERS AND EDUCATION. THE IBM APPROACH. A REPORT AND AN
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COMPUTERS AND AUTOMATION, MARCH 1966, 18-19,40
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- 38 SILVERN, G.M., AND SILVERN, L.C. EDUCATION AND TRAINING
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PROGRAMMED INSTRUCTION MATERIALS FOR COMPUTER PROGRAMMING
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COMPUTERS AND AUTOMATION, MARCH 1966, 20-24,40
SILVERN, G. SILVERN, L. PROGRAMMED TEXT
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- 39 SMALLWOOD, RICHARD D. MIT
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COMPUTERS AND AUTOMATION, FEBRUARY 1962, 9-12
SMALLWOOD, R. BRANCHING
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- 40 UHR, LEONARD UNIVERSITY OF MICHIGAN
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BOOKS, 35-44
UHR, L. MICHIGAN
INDICATES NEED TO MAKE TEACHING PROGRAMS EASY TO WRITE
AND REWRITE, AND DEMONSTRATES HOW THIS MIGHT BE DONE.
- 41 UTTAL, WILLIAM R. IBM WATSON RESEARCH CENTER
MY TEACHER HAS THREE ARMS.=
IBM RESEARCH PAPER RC-788, SEPTEMBER 15, 1962
UTTAL, W. COURSE IBM STATISTICS GERMAN STENOGRAPHY RANDOM

ACCESS

SUMMARY OF COURSES IN STATISTICS, GERMAN, AND STENOGRAPHY WRITTEN ON THE IBM 650 COMPUTER. DESCRIPTION OF EQUIPMENT AND PRELIMINARY RESULTS AS WELL AS AREAS WHERE IMPROVEMENTS ARE NEEDED.

- 42 MARSH, DONALD C. SYSTEM DEVELOPMENT CORPORATION
JOVIAL IN CLASS.=
ANNUAL REVIEW IN AUTOMATIC PROGRAMMING, PERGAMON PRESS,
167-187
MARSH, D. SDC PHILCO
DISCUSSION OF INSTRUCTIONAL SYSTEM DEVELOPED BY SYSTEM
DEVELOPMENT CORPORATION USING PHILCO 2000 COMPUTER. INCL-
UDES EXAMPLES OF USE OF THE JOVIAL LANGUAGE.
- 43 ENGLUND, D. AND ESTAVAN, D. SYSTEM DEVELOPMENT CORPORATION
CLASS. THE AUTOMATED CLASSROOM (PHILCO 2000).=
COMPUTER APPLICATIONS-1961, 177-188
ENGLUND, D. ESTAVAN, D. SDC
DESCRIPTION OF THE AUTOMATED TEACHING PROJECT AT SYSTEM
DEVELOPMENT CORPORATION.
- 44 SUTHERLAND, I. MIT
SKETCHPAD A MAN-MACHINE GRAPHICAL COMMUNICATIONS SYSTEM.=
PROCEEDINGS-SPRING JOINT COMPUTER CONFERENCE, 1963, 329-346
SUTHERLAND, I. DISPLAY CRT MIT
DESCRIPTION OF CRT-LIGHT PEN INTERFACE WITH A COMPUTER
AND, THE CAPABILITIES OF THE PROGRAM.
- 45 DENNIS, J.R. MIT
A MULTILUSER COMPUTATION FACILITY FOR EDUCATION AND RESEARCH
COMMUNICATIONS OF THE ACP, SEPTEMBER 1964, V7, 521-525
DENNIS, J. TIME SHARING
DISCUSSION OF AN EARLY (NON MAC) TIME SHARING EXPERIMENT
USING A PDP-1 CPU AT MIT. THERE IS A GOOD EXPLANATION OF AN
EXECUTIVE PROGRAM FOR A PERSON UNFAMILIAR WITH THE IDEAS
INVOLVED.
- 46 MITZEL, F.E., WODTKE, K.E. PENNSYLVANIA STATE UNIVERSITY
THE DEVELOPMENT AND PRESENTATION OF FOUR COURSES BY COMPUTER
TELEPROCESSING.=
PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF EDUCATION, INTERIM
REPORT, JUNE 1965
MITZEL, F. WODTKE, K. PENNSYLVANIA STATE
A REPORT OF THE EARLY WORK DONE AT PENN STATE UNDER
OFFICE OF EDUCATION GRANT OE-4-16-010. DESCRIBES THE
COURSES IN AUDIOLOGY, MODERN MATHEMATICS, ENGINEERING
ECONOMICS, AND COST ACCOUNTING. SOME ANALYSIS OF PRELIM-
INARY RESULTS OF TEACHING WITH CAI ARE GIVEN.
- 47 YASAFI, E. DATAMATION
EDUCATIONAL DATA PROCESSING.=

DATAPATION, JUNE 1963, 24-27

YASAKI, E. COUNSELING TEACHER TRAINING EKG EEG

DISCUSSES USE OF COMPUTERS IN ALL PHASES OF EDUCATION.
SOME REFERENCE TO COMPUTER TEACHING MACHINES AND THEIR
CAPABILITIES.

- 48 MUHS, M.E. INTERNATIONAL BUSINESS MACHINES
TIME SHARING IBM 1401 CAI WITH BACKGROUND PROGRAMS.=
IBM SYSTEM ENGINEERING SYMPOSIUM 1965, 58-59
MUHS, M. IBM
SHORT DESCRIPTION OF CAI FROM SYSTEMS VIEWPOINT.
- 49 SUTHERLAND, I. ARPA
COMPUTER GRAPHICS - TEN UNSOLVED PROBLEMS.=
DATAPATION, MAY 1966, 22-27
SUTHERLAND, I. DISPLAY CRT
LISTING OF DESIRED CAPABILITIES (AS YET TO BE COMPLETELY
REALIZED) IN DISPLAY TECHNIQUES. SOME EXAMPLES CITED ARE
HALF-TONE ABILITY, DESCRIPTION OF MOTION, HIDDEN LINES IN
DRAWING AND THE LIKE.
- 50 COMPUTER ASSISTED PHYSICS TEACHING.=
PRELIMINARY REPORT OF CONFERENCE HELD NOVEMBER 1965 AT
IRVINE CALIFORNIA, COMMISSION ON COLLEGE PHYSICS, UNIVERSITY
OF MICHIGAN, ANN ARBOR, MICHIGAN
COMMISSION ON COLLEGE PHYSICS
CALLS FOR AN ACQUAINTANCE ON THE PART OF THE PHYSICS
TEACHING COMMUNITY WITH THE METHODS OF CAI. LISTS STEPS TO
BE TAKEN FOR THE FUTURE DEVELOPMENT OF CAI IN PHYSICS.
- 51 COMPUTER-ASSISTED INSTRUCTION .=
IBM RESEARCH REPORT, VOL.2, NO.1, JANUARY 1966.
IBM
AN EIGHT PAGE PUBLICITY RELEASE ON COMPUTER ASSISTED
INSTRUCTION. VERY GOOD AS AN INTRODUCTION TO THE FIELD FOR
PERSONS WHOSE INTEREST HAS RECENTLY BEEN AROUSED.
- 52 MITZEL, H.E., BRANDON, G.L. PENNSYLVANIA STATE UNIVERSITY
EXPERIMENTATION IN COMPUTER-ASSISTED INSTRUCTION IN
TECHNICAL EDUCATION.=
PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF EDUCATION,
SEMI-ANNUAL PROGRESS REPORT, DECEMBER 31, 1965.
MITZEL, H. BRANDON, G. MATHEMATICS ENGINEERING SCIENCE SURVEY
REPORT OF DEVELOPMENT OF COURSE SEGMENTS IN TECHNICAL
MATHEMATICS, ENGINEERING SCIENCE, AND COMMUNICATION SKILLS
FOR POST HIGH-SCHOOL STUDENTS. TRAINING OF COURSE AUTHORS,
RESEARCH FINDINGS, AND REVIEW OF CAI EFFORTS THROUGHOUT THE
COUNTRY ARE INCLUDED.
- 53 MACDONALD, N. COMPUTERS AND AUTOMATION
ROSTER OF ORGANIZATIONS.=
COMPUTERS AND AUTOMATION, MARCH 1964, 30-32.

- MACDONALD, N. TEACHING MACHINES PROGRAMMED LEARNING
TEACHING MACHINES AND PROGRAMMED LEARNING, ROSTER OF
ORGANIZATIONS AND WHAT THEY ARE DOING.
- 54 MACDONALD, N. COMPUTERS AND AUTOMATION
ROSTER OF ORGANIZATIONS.=
COMPUTERS AND AUTOMATION, MARCH 1963, 19-22, 24, 26, 27
MACDONALD, N. TEACHING MACHINES PROGRAMMED LEARNING
TEACHING MACHINES AND PROGRAMMED LEARNING, ROSTER OF
ORGANIZATIONS AND WHAT THEY ARE DOING.
- 55 PACKER, R. E.
COMPUTERS IN EDUCATION A REFERENCE GUIDE TO PROJECTS AND
PAPERS.=
COMPUTERS AND AUTOMATION, MARCH 1964, 27-28
PACKER, R. BIBLIOGRAPHY
EDUCATIONAL COMPUTERS. COMPUTERS IN AUTOMATED EDUCATION.
ANNOTATED BIBLIOGRAPHY.
- 56 EGBERT, ROBERT L. SYSTEM DEVELOPMENT CORPORATION
THE COMPUTER IN EDUCATION. MALEFACTOR OR BENEFACITOR.=
AFIPS 1963, 619-630
EGBERT, R. SDC ILLINOIS PLATO CLASS
CONCERNED WITH WORK AT SYSTEM DEVELOPMENT CORPORATION AND
THE UNIVERSITY OF ILLINOIS TO COORDINATE AUTOMATED TEACHING
DEVICES INTO A COMPUTER-BASED SYSTEM. INDICATES HOW SUCH A
SYSTEM COULD SERVE THE ENTIRE SCHOOL.
- 57 COULSON, JOHN E. SYSTEM DEVELOPMENT CORPORATION
AUTOMATION, CYBERNETICS, AND EDUCATION.=
SDC REPORT SP-1964, MARCH 18, 1965
COULSON, J. SDC
OVERVIEW OF THE COMPUTERIZED SCHOOL SYSTEM AS SIMULATED
BY SYSTEM DEVELOPMENT CORPORATION.
- 58 COULSON, JOHN E. SYSTEM DEVELOPMENT CORPORATION
COMPUTERS IN PROGRAMMED INSTRUCTION AND EDUCATIONAL DATA
PROCESSING.=
SDC REPORT SP-950, JANUARY 30, 1963
COULSON, J. SDC CLASS PHILCO
DESCRIBES PROGRAMMED INSTRUCTION AND SHOWS HOW IT CAN BE
USED IN A COMPUTER BASED SYSTEM THAT NOT ONLY TEACHES BUT
ALSO KEEPS ALL NECESSARY RECORDS.
- 59 BITZER, D. L. AND EASLEY, J. A. UNIVERSITY OF ILLINOIS
PLATO. A COMPUTER-CONTROLLED TEACHING SYSTEM.=
SYMPOSIUM ON COMPUTER AUGMENTATION OF HUMAN REASONING,
SASS, M. A., AND WILKINSON, W. D. (ED.). SPARTAN BOOKS INC.
1965, 89-103
BITZER, D. EASLEY, J. ILLINOIS CDC
DESCRIBES UNIVERSITY OF ILLINOIS PROJECT USING CDC 1604
COMPUTER.

- 60 LYMAN, ELISABETH R. UNIVERSITY OF ILLINOIS
A DESCRIPTIVE LIST OF PLATO PROGRAMS.=
UNIVERSITY OF ILLINOIS, COORDINATED SCIENCE LABORATORY
REPORT R-296, JUNE 1966.
LYMAN, E. ILLINOIS
LIST OF AVAILABLE PACKAGES USING THE TUTORIAL LOGIC, THE
INQUIRY LOGIC, AND COMBINATIONS OF THE TWO.
- 61 BITZER, D.L., LYMAN, E.R., AND EASLEY, J.A. UNIVERSITY OF
ILLINOIS
THE USES OF PLATO. A COMPUTER CONTROLLED TEACHING SYSTEM.=
AUDIOVISUAL INSTRUCTION, JANUARY 1966
BITZER, D. LYMAN, E. EASLEY, J. ILLINOIS
OVERVIEW OF PLATO SYSTEM WITH CAREFUL DISCUSSION OF BOTH
TUTORIAL AND INQUIRY LOGICS USED IN THE SYSTEM.
- 62 BRAUNFELD, PETER G. UNIVERSITY OF ILLINOIS
PROBLEMS AND PROSPECTS OF TEACHING WITH A COMPUTER.=
JOURNAL OF EDUCATIONAL PSYCHOLOGY, 1964, VOL. 55, NO. 4, 201-
211
BRAUNFELD, P. ILLINOIS PLATO
USE OF PLATO II SYSTEM IN TEACHING A SEGMENT OF A COMPU-
TER PROGRAMMING COURSE. INDICATION GIVEN OF DATA COLLECTION
FACILITIES IN THE SYSTEM AND IMPROVEMENTS TO COME IN THE
PLATO III SYSTEM.
- 63 BITZER, D.L. AND BRAUNFELD, P.G. UNIVERSITY OF ILLINOIS
DESCRIPTION AND USE OF A COMPUTER CONTROLLED TEACHING
SYSTEM.=
PROCEEDINGS OF NATIONAL ELECTRONICS CONFERENCE, OCTOBER 1962
787-792
BITZER, D. BRAUNFELD, P. ILLINOIS PLATO
DESCRIPTION OF PLATO SYSTEM WITH ANALYSIS OF DATA TAKEN
ON STUDENTS TAKING COURSE WORK IN COMPUTER PROGRAMING AND
ELECTRICAL ENGINEERING.
- 64 COMPUTER ASSISTED INSTRUCTION.=
ARTICLE IN INSTRUCTION BY DESIGN-A REPORT OF THE CONFERENCE
ON NEW INSTRUCTIONAL MATERIALS IN PHYSICS, SUMMER 1965,
COMMISSION ON COLLEGE PHYSICS, UNIVERSITY OF MICHIGAN
OPTICS COMMISSION ON COLLEGE PHYSICS
A VARIETY OF POSSIBLE METHODS OF INTEGRATING PHYSICS
INSTRUCTIONAL MATERIAL WITH THE TECHNIQUES OF CAI ARE
MENTIONED. OF SPECIAL INTEREST IS A DESCRIPTION OF THE
TEACHING, LABORATORY, AND TESTING IN GEOMETRICAL OPTICS.
- 65 HOWLETT, R. RADIO CORPORATION OF AMERICA
THE ON-LINE COMPUTER AS A TEACHING MACHINE.=
RCA
HOWLETT, R. RCA
IN HOUSE PAPER CONCERNING APPLICATION OF CAPABILITY

POSSESSED BY RCA TO THE PROBLEMS AND TECHNIQUES OF CAI.

- 66 SUPPES, P. STANFORD UNIVERSITY
PLUG-IN INSTRUCTION.=
SATURDAY REVIEW, JULY 23, 1966, 25, 29-30
SUPPES, P.
SUPPES DISCUSSES CAI IN GENERAL, COMMUNICATION FACILITIES
AND ENLARGES ON TUTORIAL, DIALOGUE, AND DRILL AND PRACTICE
SYSTEMS.
- 67 BUSHNELL, D. BROOKS FOUNDATION
FOR EACH STUDENT A TEACHER.=
SATURDAY REVIEW, JULY 23, 1966, 31
BUSHNELL, D. DISCOVERY GAMING SIMULATION
A SHORT ARTICLE STATING THAT IN THE USE OF LEARNING BY
DISCOVERY AND LEARNING THROUGH SIMULATION (GAMING) NO
PREDETERMINED MODEL OF EDUCATIONAL NEEDS IS REQUIRED.
- 68 SWANSON, J.R. FLORIDA STATE UNIVERSITY
COURSEWRITER FOR CAI.=
FLORIDA STATE UNIVERSITY, CAI CENTER
SWANSON, J. FLORIDA STATE
THIS IS THE MANUAL TO ACCOMPANY THE COURSE IN HOW TO USE
COURSEWRITER.
- 69 RAGSCALE, RONALD G. UNIVERSITY OF PITTSBURGH
THE LEARNING RESEARCH AND DEVELOPMENT CENTER COMPUTER
ASSISTED LABORATORY.=
DECUSCOPE, VOL. 5, NO. 2, FEBRUARY 1966
RAGSCALE, R. PITTSBURGH DEC
DESCRIPTION OF THE PROJECTS OF THE LABORATORY AS WELL AS
THE HARDWARE AND SOFTWARE INVOLVED.
- 70 RAMAGE, WILLIAM W. UNIVERSITY OF PITTSBURGH
COMPUTER-ASSISTED LABORATORY.=
LEARNING RESEARCH AND DEVELOPMENT CENTER PROGRESS REPORT,
APRIL 1966
RAMAGE, W. PITTSBURGH DEC
DESCRIPTION OF AREAS OF INTEREST AND HARDWARE INVOLVED IN
THE LEARNING CENTER PROJECT.
- 71 GENERAL-PURPOSE COMPUTER GIVES HARVARD TEACHING MACHINE
LOGIC AND RHETORIC.=
PDP-1 COMPUTER APPLICATION NOTE G-1941, DIGITAL EQUIPMENT
CORPORATION
HARVARD SOCRATIC DEC BUSINESS
DESCRIBES SOCRATIC SYSTEM DEVELOPED BY BOLT BERANEK AND
NEWMAN FOR THE HARVARD BUSINESS SCHOOL.
- 72 EXPERIMENTAL SYSTEM GIVES LANGUAGE STUDENT INSTANT ERROR
FEEDBACK.=
PDP-4 COMPUTER APPLICATION NOTE G-4710, DIGITAL EQUIPMENT

CORPORATION

MICHIGAN LANGUAGE DEC

DESCRIBES WORK AT UNIVERSITY OF MICHIGAN TO TEACH SPOKEN LANGUAGE BY MEANS OF A DIGITAL-ANALOGUE SYSTEM.

- 73 THE LEARNING R AND D CENTER.=
UNIVERSITY OF PITTSBURGH, APRIL 1966
PITTSBURGH
INDICATES THE AREAS OF INTEREST OF THE CENTER. THE CAI PROJECT IS DISCUSSED ON PAGES 6 AND 7.
- 74 GUIDELINES TEACHING MACHINES AND AUTOINSTRUCTIONAL PROGRAMS.=
REPORT PREPARED BY JOINT COMMITTEE OF AERA, APA, AND NEA-AV, A. LUMSDAINE, CH.. AUDIO-VISUAL COMMUNICATIONS REVIEW, VOL. 9, 1961, 206-208
SURVEY
GR20 REVIEW OF CONSIDERATIONS TO BE MADE BY ANYONE INTERESTED IN THE POSSIBLE USE OF HARDWARE AND SOFTWARE OF AUTOMATED INSTRUCTION.
- 75 SILVERN, L.C. HUGHES AIRCRAFT COMPANY
A COMPONENT-TYPE GENERAL-PURPOSE TEACHING MACHINE.=
HUGHES AIRCRAFT CO. REPORT 5.6.27
SILVERN, L.
SILVERN DESCRIBES TEN FIXED LOGIC TEACHING MACHINES. ONLY THE SPECIFICATIONS ARE LISTED AND THESE INCLUDE TAPE AND SLIDE PRESENTATION.
- 76 COULSON, J., SILBERMAN, H. SYSTEM DEVELOPMENT CORPORATION
AUTOMATED TEACHING AND INDIVIDUAL DIFFERENCES.=
AUDIOVISUAL COMMUNICATION REVIEW, SEPTEMBER 1961, 5-15
COULSON, J. SILBERMAN, H. SOC BENDIX G-15
AN EARLY REPORT OF A COMPARISON OF FIXED SEQUENCE VERSUS BRANCHING TEACHING LOGIC. DESCRIPTION OF SOC HARDWARE.
- 77 THE BEST OF SILVERN, SOME THOUGHTS ON PROGRAMMED LEARNING.=
EDUCATIONAL EXECUTIVE OVERVIEW, APRIL 1963, 35-36
SILVERN, L.
SOME HUMOROUS COMMENTS MADE BY ONE OF THE VETERANS IN AUTOMATED EDUCATION.
- 78 BAKER, F.B.
THE USE OF COMPUTERS IN EDUCATIONAL RESEARCH.=
REVIEW OF EDUCATIONAL RESEARCH, VOL. 33, 566-578, DECEMBER 1963
BAKER, F.
AN OVERALL SURVEY OF EDUCATIONAL RESEARCH USAGE. SOME MENTION OF WORK AT SOC AND ILLINOIS.
- 79 SILBERMAN, H.F. SYSTEM DEVELOPMENT CORPORATION
A COMPUTER CONTROLLED TEACHING MACHINE.=

PAPER PRESENTED AT AMERICAN PSYCHOLOGICAL ASSOCIATION MEETING, SEPTEMBER 1960, BEHAVIORAL SCIENCE, VOL.6, JULY 1961, 252-270.

SILBERMAN, H. SCC

ARGUMENTS ARE PRESENTED WHICH INDICATE THE REASONS FOR USING A COMPUTER AS A TEACHING MACHINE.

- 80 SUPPES, PATRICK STANFORD UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION IN SCHOOLS, POTENTIALITIES, PROBLEMS, PROSPECTS.=
INSTITUTE FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES, TECHNICAL REPORT NO.18, OCTOBER 29, 1965
SUPPES, P. ELEMENTARY SCHOOL MATHEMATICS STANFORD
SUMMARY OF WORK IN TEACHING MATHEMATICS TO ELEMENTARY SCHOOL CHILDREN WITH INDICATION OF FUTURE DIRECTION AND AREAS REQUIRING IMPROVEMENT. AUTHOR STATES THAT COMPUTER TECHNOLOGY PROVIDES THE ONLY SERIOUS HOPE OF ACCOMMODATION OF INDIVIDUAL DIFFERENCES.
- 81 HEILMAN, CARL E. PENNSYLVANIA DEPARTMENT OF PUBLIC INSTRUCTION
CHALLENGE, ENRICH, AND MOTIVATE WITH COMPUTER.=
THE SCIENCE TEACHER, MARCH 1966, 21-25
HEILMAN, C.
INDICATION OF HOW COMPUTERS MIGHT BE USED AS AN INSTRUCTIONAL TOOL. BRIEF MENTION GIVEN TO CAI AS ONE SUCH USE.
- 82 HARTMAN, THOMAS F. IBM WATSON RESEARCH CENTER
COMPUTER ASSISTED INSTRUCTION.=
AUDIOVISUAL INSTRUCTION, JANUARY 1966, 22-23
HARTMAN, T. IBM COURSEWRITER
BRIEF DISCUSSION OF COURSEWRITER LANGUAGE WITH EXAMPLES OF HOW IT HAS BEEN UPDATED TO EASE THE JOB OF THE AUTHOR.
- 83 NEWTON, J.M. ENTELEK
ONR CONFERENCE ON CAI LANGUAGES.=
SUMMARY OF MATERIAL PRESENTED AT CONFERENCE MARCH 2-3, 1966, CAMBRIDGE, MASS.
NEWTON, J. TIME SHARING TELCOMP COURSEWRITER AUTHOR SOCRATES
MENTOR PLATO CATO CLASS TACT ENTELEK
A DISCUSSION AND COMPARISON OF THE CAPABILITIES AND FUTURE NEEDS OF THE VARIOUS CAI LANGUAGES. AN EXCELLENT REFERENCE FOR AN INDICATION OF TRENDS IN CAI.
- 84 WESTINGHOUSE RANDOM ACCESS AUDIO UNIT.=
WESTINGHOUSE ELECTRIC CORPORATION, INSTRUCTIONAL R AND D, RESEARCH DEVELOPMENT CENTER, PITTSBURGH
INTERFACE
DESCRIPTION OF AN AUDIO UNIT THAT COULD EASILY BE USED FOR AUDIO PRESENTATIONS IN A CAI SYSTEM.
- 85 SKINNER, B.F. HARVARD

TEACHING MACHINES.=

SCIENCE, VOL.128, 1958, 969-977

SKINNER, B. HARVARD PRESSEY, S.

THIS IS ONE OF THE BENCHMARK ARTICLES IN THE FIELD OF AUTOMATED EDUCATION. IT GIVES SOME OF THE EARLY HISTORY OF THE FIELD, AND IT HAS SERVED AS A GUIDE (WITH SKINNERS OTHER WORKS) IN THE PHILOSOPHY AND DEVELOPMENT OF CAI.

- 86 SUPPES, PATRICK STANFORD UNIVERSITY
TOMORROWS EDUCATION, COMPUTER-BASED INSTRUCTION IN THE
ELEMENTARY SCHOOL.=
EDUCATION AGE, VOL.2, NO.3, JANUARY-FEBRUARY 1966
SUPPES, P. STANFORD
BRIEF DISCUSSION OF PROJECT TO USE COMPUTER-BASED
INSTRUCTION IN ELEMENTARY SCHOOLS.
- 87 SUPPES, PATRICK AND GROEN, GUY STANFORD UNIVERSITY
ARITHMETIC DRILLS AND REVIEW ON A COMPUTER BASED TELETYPE.=
INSTITUTE FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES,
TECHNICAL REPORT NO.83, NOVEMBER 5, 1965
SUPPES, P. GROEN, G. STANFORD ELEMENTARY SCHOOL
ACCOUNT OF RESULTS OF 41 FOURTH GRADERS USING THE
COMPUTER IN A TUTORIAL MODE.
- 88 SUPPES, PATRICK STANFORD UNIVERSITY
COMPUTER-BASED MATHEMATICS INSTRUCTION THE FIRST YEAR OF THE
PROJECT.=
BULLETIN OF THE INTERNATIONAL STUDY GROUP FOR MATHEMATICS,
1965, 3, 7-22
SUPPES, P. STANFORD ELEMENTARY SCHOOL
DISCUSSION OF EXPERIMENTAL WORK TO TEACH MODERN MATHE-
MATICS TO FIRST, FOURTH, AND SIXTH GRADE STUDENTS BY
COMPUTER.
- 89 COULSON, J. ET AL SYSTEM DEVELOPMENT CORPORATION
EFFECTS OF BRANCHING IN A COMPUTER CONTROLLED
AUTOINSTRUCTIONAL DEVICE.=
JOURNAL OF APPLIED PSYCHOLOGY, VOL.46, 1962, 389-392
COULSON, J. ESTAVAN, D. MELARAGNO, R. SILBERMAN, H. LOGIC
BRANCHING CRITERIA WERE DETERMINED BY STUDENT ERRORS AND
SELF EVALUATION. RESULTS SEEM TO INDICATE THAT A BRANCHING
TYPE OF PROGRAM IS MORE DESIRABLE THAN A FIXED SEQUENCE TYPE
FROM THE STANDPOINT OF GRADES (EFFICIENCY) AND TIME REQUIRED
- 90 SILBERMAN, H.F. ET AL SYSTEM DEVELOPMENT CORPORATION
FIXED SEQUENCE VERSUS BRANCHING AUTOINSTRUCTIONAL METHODS.=
JOURNAL OF EDUCATIONAL PSYCHOLOGY, VOL.52, 1961, 166-172
SILBERMAN, H. MELARAGNO, R. COULSON, J. ESTAVAN, D.
BRANCHING CRITERIA WERE DETERMINED IN TWO SEPERATE
FASHIONS, SELF EVALUATION AND ERROR RATE. THE EXPERIMENT
WAS DONE USING PROGRAMMED INSTRUCTION AND CAI TECHNIQUES.
NO SIGNIFICANT DIFFERENCES WERE FOUND.

- 91 MERRILL, DAVID M. UNIVERSITY OF ILLINOIS
CORRECTION AND REVIEW ON SUCCESSIVE PARTS IN LEARNING A
HIERARCHICAL TASK.=
TRAINING RESEARCH CENTER, JULY 1965
MERRILL, D. ILLINOIS EDUCATIONAL RESEARCH SOCRATES
PAPER GIVING RESULTS OF EDUCATIONAL RESEARCH CARRIED OUT
ON THE SOCRATES SYSTEM. PRIME INTEREST IS THE ILLUSTRATION
OF APPLICATION OF A COMPUTER BASED SYSTEM TO RESEARCH.
- 92 COULSON, J.E. AND COGSWELL, J.F. SYSTEM DEVELOPMENT CORPOR-
ATION
EFFECTS OF INDIVIDUALIZED INSTRUCTION ON TESTING.=
SDC REPORT SP-1829, FEBRUARY 22, 1965
COULSON, J. COGSWELL, J. SDC
INDICATES HOW DATA OBTAINED BY COMPUTER ASSISTED
INSTRUCTION MIGHT BE USED TO HELP THE STUDENT AND IMPROVE
THE PROGRAM.
- 93 CARTER, L. AND SILBERMAN, F. SYSTEM DEVELOPMENT CORPORATION
THE SYSTEMS APPROACH, TECHNOLOGY AND THE SCHOOL.=
SDC REPORT SP-2025, APRIL 1, 1965
CARTER, L. SILBERMAN, F. SDC
DISCUSSION OF WAYS IN WHICH COMPUTER TECHNOLOGY CAN BE
APPLIED TO THE ENTIRE SCHOOL SYSTEM.
- 94 BUSHNELL, DON C. SYSTEM DEVELOPMENT CORPORATION
THE COMPUTER AS AN INSTRUCTIONAL TOOL.=
SDC REPORT SP-1554, FEBRUARY 13, 1964, AD-430899
BUSHNELL, D. SDC
DESCRIPTION OF THE COMPUTER USED IN TUTORIAL CONTEXT, IN
SIMULATION, AND AS AN AID IN COMPUTATION AND TEACHING
COMPUTER RELATED SUBJECTS.
- 95 BUSHNELL, DON C. SYSTEM DEVELOPMENT CORPORATION
THE EFFECTS OF ELECTRONIC DATA PROCESSING IN FUTURE
INSTRUCTIONAL SYSTEMS.=
SDC REPORT SP-1118/001/00, MARCH 27, 1963, AD-402646
BUSHNELL, D. SDC ATTITUDE CHANGING
A LOOK AT THE USES OF COMPUTERS IN EDUCATION. SPECIAL
REFERENCE GIVEN TO ATTITUDE CHANGING AND TRAINING IN
DECISION MAKING BY MEANS OF COMPUTER-BASED INSTRUCTION.
- 96 CASTLE, J.G., RIVA, M.A. UNIVERSITY OF PITTSBURGH
DICTIONARY OF TERMS USED TO DESIGN THE CAI OF SPELLING
CURRICULUM.=
WORKING PAPER. LEARNING RESEARCH AND DEVELOPMENT CENTER
APRIL 18, 1966
CASTLE, J. RIVA, M. PITTSBURGH AUTHOR LANGUAGE
MAIN INTEREST IS THAT THE PAPER INDICATES DIRECTION OF
LRDC EFFORT TO PRODUCE AN AUTHOR LANGUAGE.

- 97 STOLLER, LAWRENCE M., UNIVERSITY OF ILLINOIS
A LISTING OF SOCRATES RESEARCH STUDIES FROM MARCH, 1964 TO
JUNE 1965.=
TRAINING RESEARCH LABORATORY TECHNICAL MEMORANDUM NO. 19.
SEPTEMBER 1965 AD-621169
STOLLER, L. ILLINOIS
LISTING OF WORK COMPLETED UNDER CONTRACT FROM OFFICE OF
NAVAL RESEARCH
- 98 COULSON, JOHN E. SYSTEM DEVELOPMENT CORPORATION
PRESENT STATUS AND FUTURE PROSPECTS OF COMPUTER-BASED
INSTRUCTION.=
SDC REPORT SP-1629, APRIL 27, 1964, AD-443750
COULSON, J. SDC CLASS
BRIEF SUMMARY OF FIELD. INDICATES AREAS SUCH AS AVAILABLE
PROGRAMS, RESEARCH IN LEARNING THEORY, COST, AND MAN-MACHINE
INTERACTION, THAT NEED FURTHER WORK FOR THE METHOD TO BE
PRACTICAL.
- 99 DICK, WALTER THE PENNSYLVANIA STATE UNIVERSITY
THE DEVELOPMENT AND CURRENT STATUS OF COMPUTER-BASED
INSTRUCTION.=
AMERICAN EDUCATION RESEARCH JOURNAL. 1965, 2, 41-54.
DICK, W. ILLINOIS IBM SDC BOLT BERANEK AND NEWMAN
THOMPSON RAMP WHEELORIDGE
REVIEW OF RESEARCH IN THE FIELD, WITH A LOOK AT AREAS FOR
FUTURE WORK.
- 100 SWETS, J.A., FEURZEIG, W., HARRIS, J.R., MARILL, T. BOLT
BERANEK AND NEWMAN INC
THE SOCRATIC SYSTEM. A COMPUTER SYSTEM TO AID TEACHING
COMPLEX CONCEPTS.=
TRAINING RESEARCH DIVISION, BEHAVIORAL SCIENCE LABORATORY,
6570TH AEROSPACE MEDICAL RESEARCH LABORATORIES, AEROSPACE
MEDICAL DIVISION, WRIGHT-PATTERSON AIR FORCE BASE, OHIO.
AMRL MEMORANDUM P-43. JUNE 1963. AD-421792
SWETS, J., FEURZEIG, W., HARRIS, J., MARILL, T.
RECOGNIZES NEED FOR AN INTERACTIVE STUDENT-MACHINE
SYSTEM, AND DESCRIBES THE SOCRATES-1 AND SOCRATES-2 SYSTEMS
AS PROTOTYPES OF SUCH A SYSTEM.
- 101 KOPSTEIN, F.F. AND SHILLESTAD, I.J. BEHAVIORAL SCIENCE
LABORATORY, AEROSPACE MEDICAL LABORATORY
A SURVEY OF AUTO-INSTRUCTIONAL DEVICES.=
AERONAUTICAL SYSTEMS DIVISION, AIR FORCE SYSTEMS COMMAND,
UNITED STATES AIR FORCE, WRIGHT-PATTERSON AIR FORCE BASE,
OHIO. ASD TECHNICAL REPORT 61-414, AD-268223
KOPSTEIN, F., SHILLESAD, I. TEACHING MACHINE
SUMMARY OF AUTOMATED INSTRUCTION WITH CATALOG OF TEACHING
DEVICES. INCLUDED ARE EARLY COMPUTER BASED SYSTEMS
- 102 BUSHNELL, D.D. SYSTEM DEVELOPMENT CORPORATION

THE COMPUTER IN THE CLASSROOM.=
 SDC REPORT SP-601. NOVEMBER 14, 1961. AD-293243
 BUSHNELL, D. SDC CLASS BENDIX PHILCO
 DESCRIPTION OF THE CLASS SYSTEM AND WHAT IT WILL DO

- 103 MARTERANA, S.V. OFFICE OF AIRSPACE RESEARCH, UNITED STATES
 AIR FORCE
 THE AIR FORCE-2AR CONTRIBUTION TO PROGRAMMED INSTRUCTION.=
 MONOGRAPH NO.1 AUGUST 1964. DAR 64-10
 MARTERANA, S.
 SUMMARY OF THE AIR FORCE INTEREST IN THE FIELD, AND THEIR
 SUPPORT OF RESEARCH ON TEACHING DEVICES.
- 104 LEVITAN, R. AND SHUBIK, M. IBM WATSON RESEARCH CENTER
 A BUSINESS GAME FOR TEACHING AND RESEARCH.=
 IBM RESEARCH REPORT SC-730, JULY 17, 1962; AD-282142
 LEVITAN, R. SHUBIK, M. IBM ECONOMICS
 DESCRIPTION OF THE GAME TO TEACH ECONOMICS OF AN
 OLIGOPOLISTIC MARKET.
- 105 MORRILL, C.S., HALPERT, D.T., PILSUCKI, S.H. MITRE CORPORATION
 PROGRAMMED INSTRUCTION A SELECTED BIBLIOGRAPHY.=
 AD-404086, APRIL 1963
 MORRILL, C. HALPERT, D. PILSUCKI, S.
 LISTING OF REFERENCES ON THE SUBJECT, BUT NOT PROGRAMS FOR
 INSTRUCTION.
- 106 DEFENSE DOCUMENTATION CENTER
 TEACHING MACHINES A REPORT BIBLIOGRAPHY.=
 DEFENSE DOCUMENTATION CENTER, FEBRUARY 1962, AD-271150
 DDC BIBLIOGRAPHY
 LIST OF ASTIA DOCUMENTS, BOOKS, DISSERTATIONS, PATENTS,
 PERIODICALS, AND RESEARCH GRANTS INVOLVING SELF-INSTRUCTIONAL
 DEVICES.
- 107 ABMA, JOHN S. WRIGHT-PATTERSON AIR FORCE BASE
 PROGRAMED INSTRUCTION-PAST, PRESENT, FUTURE.=
 BEHAVIORAL SCIENCE LABORATORY, AEROSPACE MEDICAL RESEARCH
 LABORATORIES, AEROSPACE MEDICAL DIVISION, AIR FORCE SYSTEMS
 COMMAND, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. SEPTEMBER
 1964, AD-607809
 ABMA, J.
 GOOD BACKGROUND MATERIAL ON THE SUBJECT WITH INDICATIONS
 OF HOW IT MAY BE USED IN TRAINING AND EDUCATION.
- 108 SUPPES, PATR.C. STANFORD UNIVERSITY
 MODERN LEARNING THEORY AND THE ELEMENTARY-SCHOOL CURRICULUM.
 AMERICAN EDUCATIONAL JOURNAL VOL.1 NO.2 MARCH 1964 79-93
 SUPPES, P. STANFORD MATHEMATICS
 INDICATES AREAS OF LEARNING THAT NEED EMPHASIS AND HOW A
 COMPUTER-BASED INSTRUCTIONAL SYSTEM COULD PLACE EMPHASIS IN
 THESE AREAS.

- 109 SUPPES, P. STANFORD UNIVERSITY
ACCELERATED PROGRAM IN ELEMENTARY-SCHOOL MATHEMATICS THE
SECOND YEAR.=
INSTITUTE FOR MATHEMATICAL STUDIES IN SOCIAL SCIENCES,
STANFORD UNIVERSITY. TECHNICAL REPORT NO. 86. NOVEMBER 22, 1965
SUPPES, P. STANFORD
REPORT ON A CONTINUING PROJECT TO TEACH MODERN
MATHEMATICS WITH THE AID OF A COMPUTER. THE STUDENTS AT THIS
STAGE WERE IN GRADE 2.
- 110 BUSHNELL, D. D. SYSTEM DEVELOPMENT CORPORATION
EDUCATIONAL DATA PROCESSING AND PUBLIC EDUCATION.=
SDC REPORT SP-1400, OCTOBER 29, 1963, AD-425018
BUSHNELL, D. SDC
SUMMARY OF THE VARIOUS WAYS IN WHICH A COMPUTER CAN BE
USED IN AN EDUCATIONAL SYSTEM.
- 111 MITZEL, F. THE PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF
EDUCATION
EXPERIMENTATION WITH COMPUTER-ASSISTED INSTRUCTION IN
TECHNICAL EDUCATION.=
COMPUTER-ASSISTED INSTRUCTION LABORATORY. SEMI-ANNUAL
PROGRESS REPORT JUNE 30, 1966
MITZEL, F. PENNSYLVANIA STATE TECHNICAL EDUCATION
REPORTS ON DEVELOPMENT OF COURSES FOR A TECHNICAL
EDUCATION CURRICULUM. FINDINGS OF RESEARCH STUDIES ON
CORRECTION PROCEDURES, EFFICIENCY OF TYPEWRITER INTERFACE, AND
EFFECTS OF ROTE RULE-LEARNING ON TRANSFER OF TRAINING GIVEN.
- 112 SILBERMAN, HARRY F. SYSTEM DEVELOPMENT CORPORATION
THE DIGITAL COMPUTER IN EDUCATION.=
PHI DELTA KAPPAN VOL. XLIII NO. 8 MAY 1962. 345-347
SILBERMAN, H. NONTECHNICAL
A BRIEF, NONTECHNICAL ARTICLE INDICATING HOW COMPUTERS MAY
BE USED IN A SCHOOL SYSTEM.
- 113 THIS IS CLASS (COMPUTER-BASED LABORATORY FOR AUTOMATED
SCHOOL SYSTEMS).=
PHI DELTA KAPPAN VOL. XLIII NO. 8 MAY 1962. 348-350
SDC NONTECHNICAL
BRIEF NONTECHNICAL DESCRIPTION OF THE EDUCATION
LABORATORY AT SYSTEM DEVELOPMENT CORPORATION.
- 114 CAFFREY, JOHN G. SYSTEM DEVELOPMENT CORPORATION
THE IMPACT OF THE COMPUTER ON SCHOOL SYSTEMS.=
SDC REPORT SP-1803, SEPTEMBER 23, 1964, AD-615714
CAFFREY, J. SDC
INDICATION OF USES OF COMPUTERS IN AN EDUCATIONAL SYSTEM,
AS WELL AS THE PROBLEMS OF IMPLEMENTATION.
- 115 SKINNER, B. F. HARVARD UNIVERSITY

- REFLECTIONS ON A DECADE OF TEACHING MACHINES.=
TEACHERS COLLEGE RECORD, TEACHERS COLLEGE, COLUMBIA UNIVERSITY
VOL. 65, NO. 2, NOVEMBER 1963, 168-177
SKINNER, B. HARVARD PROGRAMMED INSTRUCTION
DISCUSSION OF PROBLEMS IN THE DEVELOPMENT OF PROGRAMMED
INSTRUCTION BY ONE OF THE DEVELOPERS OF THE FIELD.
- 116 BITZER, C.L., LYMAN, E.R., SUCHMAN, J.R. UNIVERSITY OF ILLINOIS
REPLAB. A STUDY IN SCIENTIFIC INQUIRY USING THE PLATO SYSTEM
COORDINATED SCIENCE LABORATORY REPORT R-260, DECEMBER 1965,
AD-627076
BITZER, C. LYMAN, E. SUCHMAN, J. ILLINOIS
DESCRIPTION OF A LESSON TO DEVELOP INQUIRY SKILLS AND
STUDY INQUIRY STYLES OF STUDENTS.
- 117 ROWAN, T.C. SYSTEM DEVELOPMENT CORPORATION
REMOTE COMPUTER USAGE. IMPLICATIONS FOR EDUCATION.=
SDC REPORT SP-1653, JANUARY 12, 1965, AD-610698
ROWAN, T. SDC TIME SHARING INFORMATION RETRIEVAL SIMULATION
DISCUSSION OF THE USES OF SIMULATION, TIME SHARING AND
INFORMATION RETRIEVAL IN EDUCATION.
- 118 DAVIS, DANIEL J., AND STOLUROW, LAWRENCE M. UNIVERSITY OF
ILLINOIS
COMPUTER-BASED SYSTEMS-THE NEW RESEARCH AID.=
TRAINING RESEARCH LABORATORY TECHNICAL REPORT NO. 6
NOVEMBER 1964, AD-608686
DAVIS, D. STOLUROW, L. ILLINOIS SOCRATES IBM 1620
DISCUSSION OF THE SOCRATES SYSTEM, THE WORK THAT HAS BEEN
DONE ON IT, AND FUTURE PLANS.
- 119 OTTOLE, JOHN F. SYSTEM DEVELOPMENT CORPORATION
EDUCATION AND COMPUTER TECHNOLOGY.=
SDC REPORT SP-1989, MAY 3, 1965, AD-615129
OTTOLE, J. SDC
DISCUSSION OF THE PROBLEMS OF EDUCATION THAT LEND
THEMSELVES TO COMPUTERS FOR SOLUTION.
- 120 COULSON, JOHN E. SYSTEM DEVELOPMENT CORPORATION
FIVE MAJOR OBSTACLES TO THE GROWTH OF PROGRAMMED INSTRUCTION
IN EDUCATION.=
SDC REPORT SP-1944, APRIL 13, 1965, AD-614697
COULSON, J. SDC
INDICATES PROBLEM AREAS IN PROGRAMED INSTRUCTION AND
INDICATES HOW RESEARCH AT SDC MAY LEAD TO SOLUTIONS.
- 121 STERNLIGHT, I.R. AND ROWAN, T.C. SYSTEM DEVELOPMENT
CORPORATION
COMPUTER TECHNOLOGY AND APPLICATIONS TO EDUCATION.=
SDC REPORT SP-1850, SEPTEMBER 17, 1964, AD-611057
STERNLIGHT, I. ROWAN, T. SDC
STATE OF THE ART SUMMARY OF COMPUTER USES IN EDUCATION

WITH INDICATIONS OF IMPROVEMENTS THAT MIGHT RESULT FROM A TOTAL SYSTEMS APPROACH.

- 122 DUNWELL, S.W. IBM WATSON RESEARCH CENTER
USING A COMPUTER TO TEACH PROGRAMMING.=
IBM RESEARCH REPORT RC-854, DECEMBER 6, 1962
DUNWELL, S. IBM 1410 AUTOCODER
DESCRIPTION OF A COURSE TO TEACH PROGRAMMING OF THE IBM
1410 COMPUTER IN THE AUTOCODER LANGUAGE.
- 123 MORRISON, H.W. IBM WATSON RESEARCH CENTER
SUMMARY OF YORKTOWN 7010-1440 COMPUTER-ASSISTED
INSTRUCTIONAL SYSTEM.=
IBM RESEARCH NOTE NC-580
MORRISON, H. IBM 7010 1440 COURSEWRITER
SHORT Nontechnical DISCUSSION OF THE FACILITY AND
ITS OPERATION.
- 124 SCHURDAK, JOHN J. IBM WATSON RESEARCH CENTER
AN APPROACH TO THE USE OF COMPUTERS IN THE INSTRUCTIONAL
PROCESS.=
IBM RESEARCH REPORT RC-1432, JULY 6, 1965
SCHURDAK, J. IBM 1440 FORTRAN
DESCRIPTION OF A COURSE IN FORTRAN TAUGHT ON AN IBM
1440-1448 SYSTEM. COMPARISON OF RESULTS OBTAINED FROM
STUDENTS TAKING A FORTRAN COURSE FROM THE COMPUTER, FROM A
PROGRAMED TEXT, AND FROM A TEXTBOOK.
- 125 BRAUNFIELD, P.G. AND FOSDICK, L.D. UNIVERSITY OF ILLINOIS
THE USE OF AN AUTOMATIC COMPUTER SYSTEM IN TEACHING.=
COORDINATED SCIENCE LABORATORY REPORT R-160, SEPTEMBER 1962
BRAUNFIELD, P. FOSDICK, L. ILLINOIS ILLIAC PLATO
A SUMMARY OF THE PLATO II SYSTEM ON THE ILLIAC COMPUTER,
WITH A DESCRIPTION OF A PART OF A PROGRAMMING COURSE
TAUGHT ON THE SYSTEM, AND A REVIEW OF RESULTS.
- 126 SWETS, JOHN A. BOLT, BERANEK AND NEWMAN, INC.
LEARNING TO IDENTIFY NONVERBAL SOUNDS.=
TECHNICAL REPORT NAVTRADEVEN 789-1, APRIL 23, 1962
U.S. NAVAL TRAINING DEVICE CENTER, PORT WASHINGTON, NEW YORK
AD-277188
SWETS, J. PDP-1B DEC
THE APPLICATION OF A COMPUTER AS A TEACHING MACHINE IN
LEARNING TO IDENTIFY CERTAIN SOUNDS. CONCLUDES THAT MACHINE
COMPARABLE TO CONVENTIONAL METHODS, AND THAT THE AUTOMATED
METHOD WAS EVEN A HINDERANCE IN SOME AREAS.
- 127 BELTRAN, ALFRED A. LOCKHEED AIRCRAFT CORPORATION
AUTOMATED TEACHING MACHINES, AN ANNOTATED BIBLIOGRAPHY.=
LOCKHEED MISSILES AND SPACE DIVISION, SPECIAL RESEARCH
BIBLIOGRAPHY SRB-60-6, NOVEMBER 1960, AD-249924
BELTRAN, A.

COVERS BIBLIOGRAPHIES, ARTICLES AND THE TEACHING DEVICES THEMSELVES FROM THE EARLY MACHINES TO THE FIRST COMPUTER-BASED SYSTEMS.

- 128 STOLURØW, LAWRENCE M. UNIVERSITY OF ILLINOIS
SYSTEMS APPROACH TO INSTRUCTION.=
TRAINING RESEARCH LABORATORY TECHNICAL REPORT NO.7,
JULY 1965, AD-619186
STOLURØW, L. ILLINOIS SØCRATES
DEVELOPS A GENERAL MØDEL ØF AN EDUCATIONAL SYSTEM, AND
THEN DESCRIBES THE SØCRATES SYSTEM WHICH IS AN
IMPLEMENTATION ØF THE MØDEL.
- 129 UDELL, D.E. IBM WATSON RESEARCH CENTER
IBM RESEARCHERS DEVISE EXPERIMENTAL COMPUTER SYSTEM FOR
INSTRUCTION.=
IBM PRESS RELEASE SEPTEMBER 29, 1964
UDELL, D. IBM PENNSYLVANIA STATE
NØNTECHNICAL DISCUSSION ØF THE IBM-PENNSYLVANIA STATE
PROJECT WITH BRIEF MENTION ØF EARLIER WORK AT IBM.
- 130 BUSHNELL, DONALD D. SYSTEM DEVELOPMENT CORPORATION
COMPUTER-BASED TEACHING MACHINES.=
THE JØURNAL ØF EDUCATIONAL RESEARCH VOL.55 NO.9
JUNE-JULY 1962, 528-531
BUSHNELL, D. SDC
ABSTRACTS ØF SEVERAL PAPERS GIVEN AT THE 1961 ØNR, SDC
CONFERENCE ØN APPLICATION ØF DIGITAL COMPLTERS TO AUTOMATED
INSTRUCTION.
- 131 TØNGE, FRED M. UNIVERSITY ØF CALIFØRNI, IRVINE
ACTIVITIES REPORT COMPUTER FACILITIES.=
STATUS REPORT MARCH 1966
TØNGE, F. IRVINE IBM 1410 1440/1448 INFORMATION RETRIEVAL
REPORT ØF PLANNED APPLICATIONS ØF COMPUTER FACILITIES AT
IRVINE WITH PARTICULAR REFERENCE TO COMPUTERS IN INSTRUCTION
AND INFORMATION PRØCESSING. HARDWARE CENTERED ØN
IBM 1410-1440/1448 SYSTEM.
- 132 LEE, REUBEN WESTINGHOUSE
PRØGRAMMED INSTRUCTION AND TEACHING MACHINES.=
WESTINGHOUSE ENGINEER, MARCH 1962 39-43
LEE, R. WESTINGHOUSE
SHORT, BUT COMPREHENSIVE INTRODUCTION TO PRØGRAMMED
INSTRUCTION.
- 133 THE UNIVERSITY ØF TEXAS
THE LABORATORY FOR COMPUTER-ASSISTED INSTRUCTION.=
PRØGRESS REPORT MARCH-JUNE 1966
TEXAS
COMPREHENSIVE DESCRIPTION ØF WORK IN PRØGRESS AT TEXAS AS
WELL AS FUTURE DIRECTION.

- 134 THE EDUCATION NEWSLETTER
COMPUTER-ASSISTED INSTRUCTION.=
THE UNIVERSITY OF TEXAS, COLLEGE OF EDUCATION
VOLUME 8 NUMBER 1 SPRING 1966
TEXAS
BRIEF DESCRIPTION OF CAI LABORATORY AT TEXAS.
- 135 STERLING, T.D. AND POLLACK, S.V. UNIVERSITY OF CINCINNATI
USE OF THE COMPUTER TO TEACH INTRODUCTORY STATISTICS.=
COMMUNICATIONS OF THE ACM, VOL. 9, NO. 4, APRIL 1966, 274-276
STERLING, T. POLLACK, S. STATISTICS
DESCRIBES THE TEACHING OF A STATISTICS COURSE WITH A
COMPUTER AS AN AIDE IN PROBLEM WORK AT SCHOOL OF MEDICINE.
- 136 SANKOVSKIY, YE.A. MINSK COLLEGE OF RADIO ENGINEERING
APPLICATION OF TEACHING MACHINES IN EDUCATION USSR.=
CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL
INFORMATION, TS 63-21964, MAY 31, 1963
SANKOVSKIY, YE.
DESCRIPTION OF A COMPUTER BASED MACHINE FOR TESTING AND
COUNSELING. INDICATION THAT DIRECTION OF WORK IS TO TAKE
INTO ACCOUNT INDIVIDUAL DIFFERENCES.
- 137 SPOLSKY, BERNARD INDIANA UNIVERSITY
COMPUTER-BASED INSTRUCTION AND THE CRITERIA FOR PEDAGOGICAL
GRAMMARS.=
LANGUAGE LEARNING, VOL. XV, NO. 3 AND 4, 1965, 137-145
SPOLSKY, B. INDIANA LANGUAGE
RECOMMENDATION OF A PROGRAM TO BRANCH AS A RESULT OF
ANALYSIS OF A CONSTRUCTED RESPONSE, RATHER THAN A MULTIPLE
CHOICE SITUATION.
- 138 SOCRATES 1965. COMPUTER AIDED TEACHING.=
UNIVERSITY OF ILLINOIS, COLLEGE OF EDUCATION ALUMNI
BULLETIN, MAY 1965
ILLINOIS STOLURON, L. NONTECHNICAL
BRIEF NONTECHNICAL DISCUSSION OF WORK OF STOLURON IN
SETTING UP A COMPUTER-BASED TEACHING SYSTEM.
- 139 BITZER, MARYANN UNIVERSITY OF ILLINOIS
SELF-DIRECTED INQUIRY IN CLINICAL NURSING INSTRUCTION BY
MEANS OF PLATO.=
COORDINATED SCIENCE LABORATORY REPORT R-184, DECEMBER 1963
BITZER, M. ILLINOIS SIMULATION
DESCRIPTION OF COURSE, WITH DISCUSSION OF RESULTS.
MATERIAL COVERED WAS CARE OF PATIENTS WITH ANGINA PECTORIS
AND MYOCARDIAL INFARCTION. COURSE CONSISTS OF MULTIPLE
CHOICE QUESTIONS AND SIMULATED LABORATORY.
- 140 MITZEL, H.E. PENNSYLVANIA STATE UNIVERSITY
THE REALITIES OF COMPUTER ASSISTED INSTRUCTION.=

TALK GIVEN AT AMERICAN MANAGEMENT ASSOCIATION CONFERENCE ON EDUCATIONAL REALITIES, AUGUST 11, 1966

MITZEL, H. BARRIERS TO THE DEVELOPMENT OF CAI

MITZEL NOTES FIVE BARRIERS TO DEVELOPMENT OF CAI.

1)HARDWARE-SOFTWARE GAP, 2)LACK OF EXPERIENCE IN EFFECTIVENESS EVALUATION, 3)COURSE PREPARATION TIME, 4)TIME-MIX BETWEEN NORMAL AND CAI METHODS OF INSTRUCTION, 5)LACK OF PROGRAM COMPATABILITY BETWEEN VARIOUS CAI SYSTEMS.

- 141 CØULSEN, JOHN E. SYSTEM DEVELOPMENT CORPORATION
PROGRAMMED INSTRUCTION A PERSPECTIVE.=

SDC REPORT SP-866, JUNE 27, 1962, AD-277945

CØULSEN, J. SDC CLASS

PROGRAMMED INSTRUCTION SHOULD LEAD TO AN OVERALL LOOK AT EDUCATIONAL METHODOLOGY. THROUGH EXPENSIVE EQUIPMENT IS NOT ABSOLUTELY NECESSARY, THE CLASS SYSTEM SHOULD BE OF VALUE IN SUCH STUDIES. A FUNDAMENTAL PROBLEM IN PROGRAMED INSTRUCTION IS LACK OF GOALS, AND PERHAPS THE MOST WORK SHOULD BE DIRECTED TOWARDS INTEGRATING AUTO-INSTRUCTION WITH MORE CLASSICAL FORMS.

- 142 SILBERMAN, HARRY F. SYSTEM DEVELOPMENT CORPORATION
APPLICATION OF RESEARCH ON PROGRAMED INSTRUCTION TO SCHOOL SYSTEMS.=

SDC REPORT SP-949, AUGUST 29, 1962, AD-285534

SILBERMAN, H. SDC CLASS

DISCUSSION OF PROBLEMS OF IMPLEMENTATION OF RESEARCH IN PROGRAMED INSTRUCTION. INDICATES THAT THE SDC CLASS SYSTEM MAY ASSIST IN THIS AREA.

- 143 CØULSEN, JOHN E. SYSTEM DEVELOPMENT CORPORATION
PROGRAMMED DECISIONS IN PROGRAMED INSTRUCTION.=
SDC REPORT SP-933/001/00, AUGUST 13, 1962, AD-288837
CØULSEN, J. SDC CLASS

TRACES THE BRANCHING STRUCTURE IN THE BENDIX G-15 AND CLASS INSTRUCTIONAL SYSTEMS AT SDC. INDICATES THAT FUTURE PROGRAMS MAY BASE THEIR BRANCHING STRUCTURE ON STORED RESPONSES.

- 144 STØLLERØW, LAWRENCE M. UNIVERSITY OF ILLINOIS
COMPUTER-BASED INSTRUCTION.=
TRAINING RESEARCH LABORATORY TECHNICAL REPORT 9, JULY 1965,
AD-619155

STØLLERØW, L. ILLINOIS SOCRATES

GENERAL DISCUSSION OF COMPUTER BASED INSTRUCTIONAL SYSTEMS FOLLOWED BY DISCUSSION OF SOCRATES, ONE SUCH SYSTEM, AND PROJECTS RUN ON THE SYSTEM.

- 145 RABINØWITZ, W., AND MITZEL, H.E.
PROGRAMING IN EDUCATION AND TEACHER PREPARATION.=
TEACHERS COLLEGE RECORD, 1962-64, 128-138
RABINØWITZ, W., MITZEL, H.E.

A CITATION OF THE REASONS WHY THE USE OF PROGRAMMED INSTRUCTION WILL CONTINUE TO GROW. THE AUTHORS INDICATE THAT PROGRAMING IN AN EDUCATIONAL SENSE IS A VERY DESIRABLE PART OF TEACHER TRAINING.

- 146 FEINGOLD, S.L., AND FRYE, C.H. SYSTEM DEVELOPMENT CORPORATION
PLANIT-PROGRAMMING LANGUAGE FOR INTERACTIVE TEACHING.=
SDC TECHNICAL MEMORANDUM TM-3055/000/0C, JULY 12, 1966
153 PGS.
FEINGOLD, S. FRYE, C. SDC PLANIT
A USERS GUIDE TO PLANIT. LANGUAGE IS WRITTEN IN JOVIAL AND IS REPORTED TO BE MACHINE INDEPENDENT. BOTH STUDENT AND AUTHOR CAN CALL UPON A COMPUTATIONAL MODE CALLED CALC. PLANIT CAN ALSO BE USED FOR INFORMATION RETRIEVAL. ITS USE IS SELF-INSTRUCTIONAL TO A LIMITED DEGREE.
- 147 BUSHNELL, DON D., DEMILLE, RICHARD, PURL, JUDITH BROOKS
FOUNDATION
ZINN, KARL L. UNIVERSITY OF MICHIGAN
THE APPLICATION OF COMPUTER TECHNOLOGY TO THE IMPROVEMENT OF INSTRUCTION.=
REPORT TO THE NATIONAL COMMISSION ON AUTOMATED TECHNOLOGY AND ECONOMIC PROGRESS, THE BROOKS FOUNDATION, OCTOBER 1965
BUSHNELL, D. ZINN, K. DEMILLE, R. PURL, J. SIMULATION GAMING TIME SHARE
A SERIES OF ARTICLES DESCRIBING THE EDUCATIONAL IMPLICATIONS OF COMPUTERS. THE ARTICLES BY THE BROOKS FOUNDATION PEOPLE DISCUSS GAMING AND SIMULATION, INFORMATION PROCESSING, TIME SHARING, AND SOME GENERAL VIEWS ON CAI. DR. ZINN GIVES HIS OPINIONS OF THE NEEDS IN A COMPUTER-BASED SYSTEM TO MAKE IT FULLY APPLICABLE TO INSTRUCTION.
- 148 DUBROVNER, R.J. SYSTEM DEVELOPMENT CORPORATION
INTERIM REPORT. TEACHING MACHINE CAPABILITIES FOR TRAINING OPERATORS.=
SDC REPORT TM-2833/001/0C, FEBRUARY 1, 1966, AD-477939
DUBROVNER, R. SCC
SUMMARY OF A PROJECT TO ADAPT A REAL-TIME COMPUTER SYSTEM TO ACT AS A TEACHING MACHINE FOR THE SYSTEM.
- 149 FRY, EDWARD B.
RESEARCH TOOLS, INSTRUMENTATION IN EDUCATIONAL RESEARCH.=
REVIEW OF EDUCATIONAL RESEARCH. DECEMBER 1960. 513-521
FRY, E. TEACHING MACHINES IBM 650 BENDIX G-15 SDC
AUTOMATED TEACHING DEVICES YIELD A VAST AMOUNT OF DATA, AND THUS MAY ALLOW FOR THE FORMULATION AND TESTING OF AN ADEQUATE LEARNING THEORY. SEVERAL TEACHING MACHINES ARE DESCRIBED, UP TO THE IBM-650 AND SDC BENDIX G-15 SYSTEMS.
- 150 SILBERMAN, C.E.
TECHNOLOGY IS KNOCKING AT THE SCHOOL HOUSE DOOR.=
FORTUNE, AUGUST 1966, 12C-125, 203-205

SILBERMAN, C. LEARNING-LEVEL

A ROSE-COLORED-GLASSES TYPE OF ARTICLE LISTING THE DESIRED AND USEFUL ATTRIBUTES OF CAI. THE AUTHOR DISCUSSES THE ROLE OF GAMING IN CAI AND THE POSSIBLE EFFECT COMPUTERS MAY HAVE ON THE VARIOUS LEVELS OF HUMAN LEARNING AND UNDERSTANDING.

- 151 CAFFREY, JOHN G. SYSTEM DEVELOPMENT CORPORATION
RESEARCH AND DEVELOPMENT NEEDED IN SCHOOL INFORMATION
SYSTEMS.=
SDC REPORT SP-2049, APRIL 26, 1965, AD-613715
CAFFREY, J. SDC CALIFORNIA
SUMMARY OF JOINT SDC, UCLA MEETING AT WHICH THE PROBLEMS
OF AUTOMATED EDUCATION WERE PRESENTED.
- 152 IBM 1401, 1440 OR 1460 OPERATING SYSTEM, CAI.=
IBM FORM C24-3253-1
COURSEWRITER MANUAL
THIS IS THE INSTRUCTION MANUAL FOR COURSEWRITER. INCLUDED
ARE THE HARDWARE SPECIFICATIONS, A DESCRIPTION OF THE CODING
FOR COURSEWRITER, EXAMPLES OF COURSE MATERIAL, AND A CAI
GLOSSARY.
- 153 IBM 1401/1440/1460-1026 AND 1440-1448 OPERATING SYSTEMS.=
IBM FORM C24-3384-1
CAI AUTHOR AND PRCTOR MANUAL
DESCRIBES HARDWARE REQUIREMENTS, PRCTOR OPERATING
PROCEDURES AND OPERATING INSTRUCTIONS FOR AUTHOR AND PRCTOR
TO ENTER MATERIALS VIA TYPEWRITER KEYBOARD.
- 154 IBM 1401/1440/1460-1026 AND 144-1448 OPERATING SYSTEMS.=
IBM FORM C24-3385-1
CAI STUDENT MANUAL
INSTRUCTION TO STUDENT FOR USE OF TYPEWRITER IN CAI MODE.
- 155 IBM 1500 OPERATING SYSTEM, CAI COURSEWRITER II.=
IBM FORM CAI-4036-1.
CRT DISPLAY
A SKELETON INTRODUCTION TO IBM SECOND ATTEMPT AT A
TEACHING LANGUAGE. IT HAS EXPANDED CAPABILITIES SUCH AS
LIMITED ARITHMETIC PROCESSING, ABILITY TO DEFINE MACRO
INSTRUCTIONS, CRT INSTRUCTIONS.
- 156 ARNOLD, D.G. SYSTEM DEVELOPMENT CORPORATION
INTERIM REPORT. TEACHING MACHINE CAPABILITY FOR TRAINING
OPERATORS.=
SDC TECHNICAL MEMORANDUM TM-2833/004/00, FEBRUARY 1, 1966
AD-477942
ARNOLD, C. SDC LEARNING AN OPERATIONAL TASK WITH AUTOMATED
FEEDBACK CUES
EXAMPLE OF REAL-TIME USE OF A SYSTEM AS A TEACHING
MACHINE FOR THE SYSTEM.

- 157 MELCHING, W.H., SMITH, R.G., RUPE, J.C., COX, J.A. U.S. ARMY
A HANDBOOK FOR PROGRAMMERS OF AUTOMATED INSTRUCTION.=
U.S. ARMY AIR DEFENSE, HUMAN RESEARCH UNIT, FORT BLISS, TEXAS
SEPTEMBER 1963, AD-431874
MELCHING, W. SMITH, R. RUPE, J. COX, J. PROGRAMMED TEXT
PRIMARILY A GUIDE FOR THE PREPARATION OF PROGRAMED TEXTS,
HOWEVER MANY IDEAS PRESENTED, ESPECIALLY IN GOAL DEFINITIONS
AND FRAME CONSTRUCTION, CARRY OVER TO THE CAI AUTHOR
- 158 ROME, B., ROME, S., SDC
LEVIATHAN TEACHING MACHINE-FIRST BRIEFING.=
SDC TECHNICAL MEMORANDUM TM-1923/001/00, JUNE 5, 1964,
AD-446807
ROME, B. ROME, S.
A LISTING OF MATERIAL PRESENTED BY MACHINE TO STUDENTS IN
A COURSE IN MISSION-ORGANIZATION-MANAGEMENT OF INTELLIGENCE
COMMUNICATIONS CONTROL CENTER.
- 159 ROME, B., AND ROME, S. SYSTEM DEVELOPMENT CORPORATION
LEVIATHAN TEACHING MACHINE-SECOND BRIEFING.=
SDC TECHNICAL MEMORANDUM TM-1923/002/00, JUNE 5, 1964
ROME, B., ROME, S.
A CONTINUATION OF THE MATERIAL PRESENTED IN REFERENCE
158.
- 160 STOLLERON, L. UNIVERSITY OF ILLINOIS
MODEL THE MASTER TEACHER OR MASTER THE TEACHING MODEL.=
TRAINING RESEARCH LABORATORY REPORT NO.3, JULY 1963
STOLLERON, L. ILLINOIS SOCRATES
AUTHOR STATES NO ONE KNOWS ALL THE ATTRIBUTES OF MASTER
TEACHERS. HE CONCLUDES A TEACHING MODEL IS NEEDED. SUCH A
MODEL WOULD BE COMPUTER OPERATED AND WOULD TAKE INTO ACCOUNT
ALL STUDENT ATTRIBUTES. HE DOES NOT ELABORATE ON METHOD OF
DETERMINING THESE.
- 161 PELTON, WARREN J. SYSTEM DEVELOPMENT CORPORATION
STAUCHAMMER, JOHN ARIZONA STATE UNIVERSITY
COMPUTERS AND THE TEACHING OF ENGINEERING MATHEMATICS.=
SDC REPORT SP-2052/001/01, MAY 8, 1965, AD-615716
PELTON, W. STAUCHAMMER, J.
INDICATION OF APPLICATIONS OF A COMPUTER IN THE PROBLEM
SOLVING MODE TO THE IMPROVEMENT OF ENGINEERING EDUCATION.
- 162 LEVITAN, R. AND SHUBIK, M. IBM WATSON RESEARCH CENTER
A BUSINESS GAME FOR TEACHING AND RESEARCH PURPOSES.=
IBM RESEARCH REPORT RC-731, JULY 17, 1962, AD-282143
LEVITAN, R. SHUBIK, M. IBM ECONOMICS
COMPANION VOLUME TO REFERENCE 104. THIS VOLUME DEALS
WITH THE MARKET STRUCTURE OF THE GAME.
- 163 SPRINGER, D.V. SYSTEM DEVELOPMENT CORPORATION
INTERIM REPORT. TEACHING MACHINE CAPABILITY FOR TRAINING

OPERATORS.=

SDC TECHNICAL MEMORANDUM TM-2833/003/OC, FEBRUARY 1, 1966
AD-477941

SPRINGER, D. SDC CONSOLE DISPLAY PROGRAMMED TEXT
DISCUSSION OF COORDINATED PROGRAMED TEXT, CONSOLE
DISPLAY SYSTEM IN THE PROJECT TO TRAIN SYSTEM OPERATORS
BY REAL TIME USE OF THE SYSTEM.

- 164 BERRY, HENRY M. NAVAL POSTGRADUATE SCHOOL
A HISTORICAL STUDY TO DETERMINE THE FEASIBILITY OF AUTOMATED
INSTRUCTION.=
MASTERS THESIS 1965, AD-475293
BERRY, H. TEACHING MACHINE PROGRAMMED TEXT
NAVAL TRAINING SITUATION
GOOD BACKGROUND MATERIAL. STUDIES DEVELOPMENT OF
AUTOMATED INSTRUCTION FROM PRESSY TO EARLY 650 COURSES OF
IBM. LOOKS AT DEVELOPMENT FROM 1960-65 IN BOTH CIVILIAN
AND NAVAL CONTEXT.
- 165 PELTON, WARREN J. SYSTEM DEVELOPMENT CORPORATION
STALDHAMMER, JOHN ARIZONA STATE UNIVERSITY
COMPUTER ASSISTANCE IN TEACHING ENGINEERING MATHEMATICS.=
SDC REPORT SP-2052/001/OC, JULY 20, 1965, AD-618953
PELTON, W. STAUCHAMMER, J.
AN APPEAL TO USE COMPUTER PROBLEM SOLVING METHOD MORE
EFFICIENTLY IN ENGINEERING EDUCATION.
- 166 FOOTE, K.C. SYSTEM DEVELOPMENT CORPORATION
INTERIM REPORT. TEACHING MACHINE CAPABILITIES FOR TRAINING
OPERATORS.=
SDC TECHNICAL MEMORANDUM TM-2833/001/OC, FEBRUARY 1, 1966
AD-477940
FOOTE, K. SDC EXPERIMENTAL PROGRAMMING
DISCUSSION AND LISTING OF PROGRAM TO TRAIN SYSTEM
OPERATORS BY A REAL-TIME TEACHING MACHINE PROGRAM
WITHIN THE SYSTEM.
- 167 BAINBRIDGE, J.K., JANIEC, R.T., LESLIE, W.H., AND SPENCE, J.C.
CAI PROGRAM FOR TEACHING BASIC MATHEMATICS TO GRADUATE
STUDENTS.=
US NAVAL POSTGRADUATE SCHOOL, AD-475349
BAINBRIDGE, J.K. JANIEC, R.T. LESLIE, W.H. SPENCE, J.C.
PROGRESSIONS.
MASTERS THESIS. PROGRAM INSTRUCTS IN ARITHMETIC AND
GEOMETRIC PROGRESSIONS. CONTAINS COMPLETE LISTING OF PROGRAM
- 168 HOMME, L.E., WILLEY, R.E., AND MCMAHAN, W.H.
A STUDY IN THE THE APPLICATIONS OF TEACHING MACHINES.=
TEACHING MACHINES INCORPORATED, AD-291788
HOMME, L. WILLEY, R. MCMAHAN, W. AC DC COURSE CALCULUS
COMPARISON OF TEACHING METHODS USING COURSES IN AC AND DC
ELECTRICITY, AND CALCULUS. NEUTRAL RESULTS WERE OBTAINED FOR

AC-DC COURSE, HOMEWORK PREPARATION FAVORED USE OF PROGRAMED TEXT OVER CONVENTIONAL TEXT IN CALCULUS.

- 169 DARBY, C.L.
AN ANNOTATED BIBLIOGRAPHY ON THE AUTOMATION OF INSTRUCTION.=
U.S. ARMY AIR DEFENSE HUMAN RESEARCH UNIT, JULY 1959,
AD-228766
DARBY, C.L.
CONTAINS 95 ANNOTATED REFERENCES. ANNOTATION ARE ALMOST
ABSTRACT-LIKE IN CERTAIN CASES. A GOOD SOURCE FOR ARTICLES
WRITTEN PRIOR TO 1959.
- 170 YENS, C.P. SHETTEL, H.H. AMERICAN INSTITUTES FOR RESEARCH
SPECS FOR COMPUTER-DIRECTED INSTRUCTION IN BTC QUERY
LANGUAGE.=
JUNE 1964, PITTSBURGH, PENNSYLVANIA, AD-606341
YENS, C.P. SHETTEL, H.H. QUERY
A DESCRIPTION OF PROPOSED HARDWARE-SOFTWARE TEACHING
SYSTEM FOR TRAINING USERS IN AIR FORCE INFORMATION-RETRIEVAL
LANGUAGE, CALLING QUERY. INPUT IS BY PRINTER KEYBOARD AND
SPECIAL KEYS. STUDENT MAY CONTROL DIRECTION OF TEACHING
SEQUENCES.
- 171 STROLL, T.R. OPERATIONS RESEARCH CENTER, MIT
GENERALIZED TEACHING MACHINE DECISION STRUCTURE.=
DECISION SCIENCES LAB, ESD, AF SYSTEMS COMMAND, USAF
MAY 1964, AD-607803
STROLL, T. SPEED READING
A METHOD OF TEACHING WHERE PATH THROUGH PROGRAM IS
DECIDED ON BY STATISTICS ACCUMULATED DURING TEACHING.
REQUIRED TWO COMPUTERS-ONE FOR PATH DETERMINATION, THE
OTHER FOR MATERIAL PRESENTATION.
- 172 BRYAN, GLENN L. AND RIGNEY, JOSEPH W. UNIVERSITY OF
SOUTHERN CALIFORNIA
CURRENT TRENDS IN AUTOMATED TUTORING AND THEIR IMPLICATIONS
FOR TRAINING.=
TECHNICAL REPORT NO.29, PERSONNEL AND TRAINING BRANCH,
PSYCHOLOGICAL SCIENCES DIVISION, OFFICE OF NAVAL RESEARCH.
DECEMBER 1959, AD-232711
BRYAN, G. RIGNEY, J. NAVAL TECHNICAL-TRAINING
INDICATES NEED FOR UTILIZING COMPUTER BASED TEACHING
SYSTEMS IN NAVAL TECHNICAL TRAINING.
- 173 ROME, E.K. AND ROME, S.C. SYSTEM DEVELOPMENT CORPORATION
AUTOMATED LEARNING PROCESS (ALP).=
SDC REPORT SP-785, APRIL 13, 1962, AD-276592
ROME, E. ROME, S. SDC SIMULATED STUDENTS
DISCUSSION OF PROPOSED SYSTEM TO STUDY EDUCATION BY
SIMULATING STUDENTS. SYSTEM COULD BE USED TO STUDY
CURRICULUM, TEACHING TECHNIQUES AND SCHOOL STRUCTURING.

- 174 RIGNEY, J.W. AND FRY, E.B. UNIVERSITY OF SOUTHERN CALIFORNIA
A SURVEY AND ANALYSIS OF CURRENT TEACHING-MACHINE PROGRAMS
AND PROGRAMMING.=
PERSONNEL AND TRAINING BRANCH, PSYCHOLOGICAL SCIENCES
DIVISION, OFFICE OF NAVAL RESEARCH. TECHNICAL REPORT NO.31,
FEBRUARY 1961. AD-253473
RIGNEY, J. FRY, E. PROGRAMMED TEXT
OVERVIEW OF PROGRAMED TEXT FIELD WITH FRAGMENTS OF 81
PROGRAMED COURSES.
- 175 SURVEY OF LITERATURE ON MACHINE TEACHING AND PROGRAMMED
INSTRUCTION.=
AUTONETICS, A DIVISION OF NORTH AMERICAN AVIATION INC.
MAIN TECHNICAL LIBRARY, BIBLIOGRAPHIC RESEARCH,
DECEMBER 21, 1962, AD-297037
PROGRAMED TEXT
LISTS MATERIALS ON PROGRAMED TEXTS AND TEACHING MACHINES
WITH A FEW REFERENCES TO COMPUTER-BASED SYSTEM.
- 176 ZINN, KARL L. UNIVERSITY OF MICHIGAN
COMPUTER ASSISTANCE FOR INSTRUCTION. A REVIEW OF SYSTEMS AND
PROJECTS.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING, MAY 1966
ZINN, K. MICHIGAN AUTHOR LANGUAGES EXISTING SYSTEMS COURSES
JUSTIFICATION OF CAI SYSTEM IN TERMS OF RESEARCH AND
DEVELOPMENT. REVIEW OF EXISTING SYSTEMS AND AVAILABLE
COURSES, AND A BIBLIOGRAPHY.
- 177 ABMA, JOHN S. BEHAVIORAL SCIENCES LABORATORY
THEORY AND RESEARCH IN PROGRAMMED INSTRUCTION.=
AEROSPACE MEDICAL RESEARCH LABORATORIES, AEROSPACE MEDICAL
DIVISION, WRIGHT-PATTERSON AIR FORCE BASE, OHIO. JUNE 1964
AD-602056
ABMA, J. PROGRAMMED TEXT
DOCUMENTED DISCUSSION OF RESEARCH IN PROGRAMED TEXTS.
INDICATION GIVEN THAT THIS METHOD CAN BE AUTOMATED, THOUGH
THIS MAY NOT BE MUCH OF AN IMPROVEMENT.
- 178 U.S. NAVAL ACADEMY
COMPUTER ASSISTED EDUCATION.=
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.19, NO.1, JANUARY 1967,
25
NAVAL ACADEMY QUINN, P.
BRIEF OUTLINE OF SUMMER PROGRAM TO ACQUINT ACADEMY STAFF
WITH THE APPLICATION OF COMPUTERS TO EDUCATION. PROGRAM WAS
DIRECTED BY PAUL QUINN OF THE ACADEMY.
- 179 BALABANIAN, N. UNIVERSITY OF CALIFORNIA AT BERKELEY
THE EDUCATIONAL ENGINEERING CALLED PROGRAMED INSTRUCTION.=
IEEE TRANSACTIONS ON EDUCATION, JUNE 1966, 49-57
BALABANIAN, N. IEEE

A CRITICAL DISSECTION OF CURRENT PRACTICES IN PROGRAMED INSTRUCTION. THE AUTHOR SUGGESTS THAT CERTAIN TYPES OF PROGRAMING TECHNIQUES DO NOT ACCOMPLISH THE GOALS SET OUT FOR THEM.

- 180 RATH,G., AND ANDERSON,N. IBM THE IBM RESEARCH CENTER TEACHING MACHINE PROJECT.= AUTOMATIC TEACHING, WILEY AND SONS, 1959, PAGES 117-130
RATH,G. ANDERSON,N. IBM 650 BINARY ARITHMETIC
THIS IS THE FIRST REPORTED WORK USING A COMPUTER AS A TEACHING DEVICE. THE MATERIAL TAUGHT CONSISTED OF INSTRUCTION IN BINARY ARITHMETIC. SOME OF THE PROBLEMS HAD STORED ANSWER SETS, WHILE THE MACHINE SOLVED OTHERS IN THE SAME FASHION AS THE STUDENT.
- 181 JOHNSON,ROGER L. UNIVERSITY OF ILLINOIS THE USE OF PROGRAMMED LEARNING AND COMPUTER-BASED INSTRUCTION TECHNIQUES TO TEACH ELECTRICAL ENGINEERING NETWORK ANALYSIS.= COORDINATED SCIENCE LABORATORY REPORT R-297, JULY 1966
JOHNSON,R. ILLINOIS PLATE
A STUDY TO COMPARE THE TUTORIAL AND INQUIRY TEACHING LOGICS IN THE PRESENTATION OF A BASIC INTRODUCTION TO LAPLACE TRANSFORMS AND THEIR APPLICATION TO NETWORK ANALYSIS
- 182 EASLEY,J.A., GELDER,H.M., AND GOLDEN,W.M. UNIVERSITY OF ILLINOIS PLATE PROGRAM FOR INSTRUCTION AND DATA COLLECTION IN MATH PROBLEM SOLVING.= COORDINATED SCIENCE LABORATORY REPORT R-185, JANUARY 1964
EASLEY,J. GELDER,H. GOLDEN,W. ILLINOIS
A PROGRAM TO TEACH AND CHECK MATHEMATICAL PROOFS AND ALGEBRAIC SIMPLIFICATIONS.
- 183 OTTOLE,JOHN F. SYSTEM DEVELOPMENT CORPORATION APPLICATIONS OF COMPUTERS AND INFORMATION PROCESSING SYSTEMS IN EDUCATION.= SOC REPORT SP-1980, MARCH 12,1965, AD-613259
OTTOLE,J. SOC NONTECHNICAL EDUCATIONAL DATA PROCESSING NONTECHNICAL INTRODUCTION TO THE EDUCATIONAL DATA PROCESSING FIELD.
- 184 STOLLEROW,LAWRENCE M. UNIVERSITY OF ILLINOIS EDUCATIONAL PROBLEMS AND PROSPECTS OF A SYSTEMS APPROACH TO INSTRUCTION.= TRAINING RESEARCH LABORATORY, TECHNICAL REPORT NO.2, MARCH 1964
STOLLEROW,L. ILLINOIS SOCRATES
(CONSIDERS THE IMPLICATIONS OF A SYSTEMS APPROACH BOTH TO RESEARCH ON TEACHING, AND TO TEACHING ITSELF.
- 185 THE COMMISSION ON COLLEGE PHYSICS

THE COMPUTER IN PHYSICS INSTRUCTION.=
 REPORT ON THE USES OF THE COMPUTER IN UNDERGRADUATE PHYSICS
 INSTRUCTION, NOVEMBER 4-6, 1965
 COMMISSION ON COLLEGE PHYSICS COSTS IBM UCSB IRVINE PLATO
 SOC BOLT BERANEK AND NEWMAN ILLINOIS SOCRATES MENTOR
 COURSEWRITER
 RECOMMENDATIONS TO WORK ON DEVELOPMENT OF CAI AS A
 TEACHING AID. DESCRIPTION OF SOME OF THE PRESENT SYSTEMS,
 INDICATIONS OF COSTS, AND EXAMPLES OF INSTRUCTIONAL PROGRAMS

- 186 STOLLROW, L.M., AND DAVIS, C. UNIVERSITY OF ILLINOIS
 TEACHING MACHINES AND COMPUTER-BASED SYSTEMS.=
 TRAINING RESEARCH LABORATORY, TECHNICAL REPORT NO.1
 (REVISED DRAFT) MAY 1964
 STOLLROW, L. DAVIS, C. ILLINOIS SOCRATES
 DESCRIPTION OF THE TEACHING MACHINE CONCEPT WITH
 DISCUSSION OF THE SOCRATES SYSTEM WHICH IS AN ATTEMPT TO
 FILL THE REQUIREMENTS OF THE CONCEPT.
- 187 CLAPP, D., YENS, D., SHETTEL, H., AND MAYER, S. DECISION
 SCIENCES LABORATORY, ELECTRONIC SYSTEMS DIVISION, AIR
 FORCE SYSTEMS COMMAND
 DEVELOPMENT AND EVALUATION OF SELF-INSTRUCTIONAL COURSE IN
 OPERATIONAL TRAINING CAPABILITY QUERY LANGUAGE FOR SYSTEM
 4731. U.S. AIR FORCE HEADQUARTERS.=
 L.G. HANSCOM FIELD, BEDFORD, MASSACHUSETTS, DECEMBER 1964
 AD-610045
 CLAPP, D. YENS, C. SHETTEL, H. MAYER, S. TRAINING CAPABILITY
 REPORT ON THE DESIGN OF A PROGRAMMED-TEXT, COMPUTER-BASED
 SYSTEM FOR INSTRUCTION IN THE QUERY LANGUAGE.
- 188 STARKWEATHER, J. IBM
 A CHATTY COMPUTER IN ROOM B-3.=
 EDUCOM, VOL.1, NO.3, MARCH 1966
 STARKWEATHER, J. IBM 1620 COMPUTEST
 DESCRIPTION OF PROJECT BY WHICH ELEMENTARY SCHOOL
 STUDENTS PROGRAM AND TAKE TEST VIA THE IBM 1620 COMPUTER
 USING THE COMPLETEST LANGUAGE.
- 189 KAMP, M.K., AND STARKWEATHER, J.A. LANGLEY PORTER NEURO-
 PSYCHIATRIC INSTITUTE, SAN FRANCISCO, CALIFORNIA
 THE ELECTRONIC COMPUTER AS AN INTERVIEWER.=
 STATE OF CALIFORNIA, DEPARTMENT OF MENTAL HYGIENE, BUREAU
 OF RESEARCH, JULY 19, 1965
 KAMP, M. STARKWEATHER, J. IBM 1620 COMPLETEST PSYCHIATRY
 USE OF COMPUTEST LANGUAGE ON IBM 1620 COMPUTER TO CONDUCT
 A PSYCHIATRIC INTERVIEW.
- 190 STARKWEATHER, J., KAMP, M., AND MENTO, A. UNIVERSITY OF
 CALIFORNIA AT SAN FRANCISCO
 PSYCHIATRIC INTERVIEW SIMULATION BY COMPUTER.=
 PAPER PRESENTED AT 7TH IBM MEDICAL COMPUTING SYMPOSIUM,

POUGHKEEPSIE, NEW YORK, OCTOBER 1965
 STARKWEATHER, J. KAMP, M. MONTA, A. COMPUTEST IBM 1620
 PSYCHIATRY
 DESCRIPTION OF USE OF COMPUTEST LANGUAGE IN THE
 SIMULATION OF PSYCHIATRIC INTERVIEWS.

- 191 STARKWEATHER, JOHN A. UNIVERSITY OF CALIFORNIA, SCHOOL OF
 MEDICINE
 COMPTTEST--A COMPUTER LANGUAGE FOR INDIVIDUAL TESTING,
 INSTRUCTION, AND INTERVIEWING.=
 PSYCHOLOGICAL REPORTS, 1965, 17, 227-237
 STARKWEATHER, J. IBM 1620
 DESCRIPTION OF HOW TO USE THE LANGUAGE WITH EXAMPLES OF
 ITS USE.
- 192 STARKWEATHER, JOHN A. UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
 COMPTTEST-MODIFICATION LEVEL 1 OF PROGRAM DATE
 SEPTEMBER 10, 1965.=
 1620 USERS GROUP LIBRARY, PROGRAM ABSTRACT
 STARKWEATHER, J. IBM 1620
 WRITE UP OF INSTRUCTIONAL LANGUAGE FOR IBM 1620 COMPUTER.
- 193 WING, RICHARD L. BOARD OF COOPERATIVE EDUCATIONAL SERVICES,
 WESTCHESTER COUNTY, NEW YORK
 USE OF TECHNICAL MEDIA FOR SIMULATING ENVIRONMENTS TO
 PROVIDE INDIVIDUALIZED INSTRUCTION.=
 COOPERATIVE RESEARCH PROJECT 1948. 1965
 CENTER FOR EDUCATIONAL SERVICES AND RESEARCH
 845 FOX MEADOWS ROAD, YORKTOWN HEIGHTS, NEW YORK
 WING, R. BOARD OF COOPERATIVE EDUCATIONAL SERVICES ART
 BIOLOGY CHEMISTRY ELECTRONICS / PHYSICS FRENCH MUSIC
 ECONOMICS
 FINAL REPORT ON THE APPLICATION OF SIMULATION TO
 INSTRUCTION. INCLUDES OVERVIEW OF THE STUDY WITH DISCUSSION
 OF THE INDIVIDUAL EXPERIMENTS.
- 194 SILVERN, G.M., AND SILVERN, L.C. EDUCATION AND TRAINING
 CONSULTANTS, LOS ANGELES, CALIFORNIA
 COMPUTER-ASSISTED INSTRUCTION, SPECIFICATION OF ATTRIBUTES
 FOR CAI PROGRAMS.=
 PROCEEDINGS OF 21ST NATIONAL CONFERENCE, ASSOCIATION FOR
 COMPUTING MACHINERY, PP. 57-62-5
 SILVERN, G. SILVERN, L. MAESTRO LYRIC INSTRUCTIONAL PROGRAMMER
 EDUCATION AND TRAINING CONSULTANTS
 DISCUSSES GENERAL NEEDS FOR IMPLEMENTATION OF A CAI
 SYSTEM WITH DESCRIPTION OF THE MAESTRO SYSTEM, A CAI SYSTEM
 DESIGNED BY THE SILVERNS, AND ASSOCIATED LYRIC LANGUAGE.
 ALSO INDICATES NEEDS FOR THE FUTURE OF CAI.
- 195 HICKEY, A.E., AND NEWTON, J.M. ENTELEK INCORPORATED
 COMPUTER-ASSISTED INSTRUCTION A SURVEY OF THE LITERATURE.=
 ENTELEK INCORPORATED, NEWBURYPORT, MASSACHUSETTS.

JANUARY 1966, AD-628953

HICKEY, A. NEWTON, J. ENTELEK

OVERVIEW OF FIELD DOCUMENTED BY ACCESS NUMBERS REFERRING
TO LIMITED DISTRIBUTION CAI ABSTRACT SYSTEM PREPARED BY
ENTELEK.

- 196 KRÖPP, R.P. FLORIDA STATE UNIVERSITY
QUARTERLY PROGRESS REPORT COMPUTER ASSISTED INSTRUCTION
CENTER.=
PREPARED BY H.W.STØKER AND D.L.HARTFØRD, JANUARY 1, 1966
THROUGH MARCH 31, 1966
KRÖPP, R. STØKER, H. HARTFØRD, D. FLORIDA STATE UNIVERSITY
INSTITUTE OF HUMAN LEARNING
SUMMARY OF THE GENERAL PROGRAM AT FLORIDA STATE WITH
REPORTS ON RESEARCH IN PROGRESS DURING PERIOD.
- 197 KRÖPP, R.P. FLORIDA STATE UNIVERSITY
QUARTERLY PROGRESS REPORT COMPUTER ASSISTED INSTRUCTION
CENTER.=
PREPARED BY H.W.STØKE AND D.L.HARTFØRD, APRIL 1, 1966 THROUGH
JUNE 30, 1966
KRÖPP, R. STØKER, H. HARTFØRD, D. FLORIDA STATE
INSTITUTE OF HUMAN LEARNING
SUMMARY OF THE GENERAL PROGRAM AT FLORIDA STATE WITH
REPORTS ON RESEARCH IN PROGRESS DURING PERIOD
- 198 ZINN, KARL L. UNIVERSITY OF MICHIGAN
COMPUTER ASSISTANCE FOR INSTRUCTION AN INTRODUCTION.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING, JUNE 1966
ZINN, K. MICHIGAN
BACKGROUND PAPER FOR A FACULTY SEMINAR ON CAI.
CONSIDERATIONS ARE GIVEN TO COST. METHODS OF PRESENTATION,
AND TYPES OF PRESENTATION.
- 199 BITZER, DONALD L. UNIVERSITY OF ILLINOIS
THE PLATO TEACHING SYSTEM.=
AUTOMATED EDUCATION LETTER, VOL.1, NO.2, NOVEMBER 1965, 13-
15
BITZER, D. ILLINOIS NONTECHNICAL
BRIEF NONTECHNICAL DISCUSSION OF THE PLATO SYSTEM
- 200 SCHULTZ, JAN R. UNIVERSITY OF ILLINOIS
SYLLOGEN-A FORTRAN II-D PROGRAM SYSTEM.=
TRAINING RESEARCH LABORATORY TECHNICAL MEMORANDUM NO.23
FEBRUARY 1966
SCHULTZ, J. ILLINOIS LOGIC
DESCRIPTION OF PROGRAM TO GENERATE SYLLOGISMS FOR THE
TEACHING OF LOGIC.
- 201 RAGSCALE, RONALD G. THE UNIVERSITY OF PITTSBURGH
THE PITT COMPUTER-ASSISTED INSTRUCTION LABORATORY.=
AUTOMATED EDUCATION LETTER, VOL.1, NO.7, APRIL 1966

RAGSCALE, R. PITTSBURGH DEC PDP-7
DESCRIPTION OF HARDWARE AT LEARNING RESEARCH AND
DEVELOPMENT CAI CENTER. INDICATES DIRECTION OF SOFTWARE
DEVELOPMENT.

- 202 LEARNING CAN BE CHILD'S PLAY.=
THE JOHNS HOPKINS MAGAZINE, MARCH 1966, 5-8, 23-25
JOHNS-HOPKINS GAMES SIMULATION COLEMAN, J. BOBBOCK, S.
BRIEF NONTECHNICAL INTRODUCTION TO THE GAME PROJECT AT
HOPKINS. GAMES ARE BOTH COMPUTER-BASED AND NON-COMPUTER
BASED.
- 203 ZINN, KARL L. UNIVERSITY OF MICHIGAN
CRITERIA FOR DESCRIPTION OF GENERAL CHARACTERISTICS OF
AUTHOR LANGUAGES.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING DRAFT 4/26/66
ZINN, K. MICHIGAN CAI SYSTEMS PDP-4 PLATO COURSEWRITER
BRIEFLY DESCRIBES WHAT ONE MIGHT LOOK FOR IN A COMPARISON
OF AUTHOR LANGUAGES. COMPARES PDP-4 AUTHOR LANGUAGE, PLATO,
AND COURSEWRITER.
- 204 LAMBERT, P., AND KOENIG, E. UNIVERSITY OF WISCONSIN
COMPUTERIZED INSTRUCTION.=
A PROPOSAL SUBMITTED BY THE INSTRUCTIONAL RESEARCH
LABORATORY AUGUST 1966
LAMBERT, P. KOENIG, E. WISCONSIN SYMPOETICS
PROPOSAL TO SET UP A REGIONAL CAI LABORATORY. INDICATES
THE NEED OF PROJECTS TO EXTEND RESEARCH AND EVALUATION IF
CAI IS TO REALIZE ITS FULL POTENTIAL.
- 205 WHITESELL, L., CLARK, J., AND MCALLISTER, L. AMERICAN OIL
COMPANY
TRAIN YOUR OPERATORS BY COMPUTER.=
HYDROCARBON PROCESSING AND PETROLEUM REFINER, VOL. 42, NO. 7,
JULY 1963, 192-194
WHITSELL, L. CLARK, J. MCALLISTER, L. ANALOGUE SIMULATION
AMERICAN OIL COMPANY
DESCRIBES A SYSTEM BY WHICH AN ANALOGUE COMPUTER IS USED
FOR TRAINING INSTRUMENT MAINTENANCE PERSONNEL BY SIMULATION
METHODS.
- 206 FEURZEIG, W., AND BOBROW, D. BOLT BERANEK AND NEWMAN
MENTOR A COMPUTER LANGUAGE FOR PROGRAMMED INSTRUCTION.=
PRELIMINARY DRAFT
FEURZEIG, W. BOBROW, D. BOLT BERANEK AND NEWMAN SOCRATIC
LISP DEC PDP-1
SHORT DISCUSSION OF SOCRATIC SYSTEM WITH AN EXAMPLE OF
TUTORIAL INTERACTION GENERATED BY THE SYSTEM. DESCRIBES THE
MENTOR SYSTEM, A CAI SYSTEM IMBEDDED IN THE LISP PROGRAMING
LANGUAGE.
- 207 FEURZEIG, W., HARRIS, J., AND SWETS, J. BOLT BERANEK AND

- NEWMAN
THE SOCRATIC SYSTEM A COMPUTER SYSTEM FOR AUTOMATED
INSTRUCTION.=
BBN REPORT NO. 1065, JOB NO. 238160, OCTOBER 1963
FEURZEIG, W. HARRIS, J. SWETS, J. BOLT BERANEK AND NEWMAN DEC
PDP-1 MEDICINE ELECTRONICS LETTER IDENTIFICATION
DESCRIPTION OF THE BBN SOCRATIC SYSTEM WITH OUTPUT OF
STUDENT RUNS ON LETTER IDENTIFICATION, ELECTRONIC TROUBLE
SHOOTING, AND MEDICAL DIAGNOSIS.
- 208 RICHARDSON, J.E. MASSACHUSETTS DEPARTMENT OF EDUCATION
TEACHING MATHEMATICS THROUGH THE USE OF A TIME-SHARED
COMPUTER SYSTEM.=
AUTOMATED EDUCATION LETTER, VOL. 1, NO. 3, DECEMBER 1965, 3-8
RICHARDSON, J. MASSACHUSETTS DEPARTMENT OF EDUCATION TELCOMP
DESCRIBES A SYSTEM IN MASSACHUSETTS BY WHICH A
TIME-SHARED COMPUTER IS AVAILABLE TO AUGMENT THE HIGH-SCHOOL
MATHEMATICS PROGRAM. THE TELCOMP LANGUAGE WAS USED.
- 209 ZINN, KARL L. UNIVERSITY OF MICHIGAN
COMPUTER ASSISTANCE FOR INSTRUCTION RETRIEVAL, TESTING,
SIMULATION AND PROBLEM SOLVING.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING, INTERIM DRAFT
2/12/66 NSCTE ANNUAL CONFERENCE. SYMPOSIUM ON APPLICATION OF
COMPUTER-ASSISTED INSTRUCTION AT THE COLLEGE AND UNIVERSITY
LEVEL. CHICAGO, FEBRUARY 8, 1966
ZINN, K. MICHIGAN
DISCUSSES THE USE OF COMPUTERS IN A NON-TUTORIAL
INSTRUCTIONAL CONTEXT.
- 210 FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN
CONVERSATIONAL TEACHING MACHINES.=
DATUMATION, JULY 1964
FEURZEIG, W. MEDICINE BOLT BERANEK AND NEWMAN
BRIEF ARTICLE DESCRIBING THE DEVELOPMENT OF THE TUTORIAL
INTERACTION MEDICAL DIAGNOSIS PROGRAM. INDICATES THAT COST
WILL, FOR THE TIME, BE THE MAJOR BARRIER TO CAI DEVELOPMENT.
- 211 UHR, LEONARD UNIVERSITY OF MICHIGAN
THE GENERATION OF TEACHING MACHINE PROGRAMS.=
EARLY DRAFT OF REPORT PREPARED IN CONNECTION WITH A
UNIVERSITY OF MICHIGAN PROGRAM ON CAI
CENTER FOR RESEARCH ON LEARNING AND TEACHING
UHR, L. MICHIGAN
DESCRIPTION OF A PROGRAM THAT WILL GENERATE QUESTIONS AS
A RESULT OF INTERACTION WITH THE STUDENT. IN THE PROGRAM,
THE TEACHER NEEDS ONLY TO INDICATE THE TYPE OF QUESTIONS HE
WISHES TO ASK.
- 212 SUBMITTED BY THE PANEL ON COMPUTER-BASED SERVICES
(JOHN A. STARKWEATHER, FRED TONGE, KARL L. ZINN)
PROPOSAL FOR CONFERENCE ON AUTHOR LANGUAGES AND SUPPORT IN

COMPUTER BASED EDUCATIONAL SYSTEMS.=
EDUCOM TASK FORCE ON EDUCATIONAL SYSTEMS AND TECHNOLOGY
DRAFT 8-9-66

STARKWEATHER, J. TONGE, F. ZINN, K.

AN APPEAL FOR A MORE ADEQUATE AND COORDINATED EXCHANGE OF
INFORMATION AMONG THOSE INVOLVED IN THE DEVELOPMENT OF CAI
LANGUAGES.

- 213 UHR, LEONARD UNIVERSITY OF MICHIGAN
TOWARD THE COMPILATION OF BOOKS INTO TEACHING MACHINE
PROGRAMS.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING
DRAFT 8/13/65
UHR, L. MICHIGAN
EARLY DRAFT OF A PAPER DESCRIBING A PROGRAM TO CONVERT A
BOOK TO A TEACHING MACHINE PROGRAM, EDIT THE RESULT, AND
TEST INSTRUCTIONAL PROGRAM ON STUDENTS.
- 214 COULSON, J.E. AND SILBERMAN, H.F. SYSTEM DEVELOPMENT CORP.
TEACHING MACHINE SIMULATED BY COMPUTER.=
COMPUTERS AND AUTOMATION, OCTOBER 1960. PP.9-10
COULSON, J. SILBERMAN, H. SDC BENDIX G-15
BRIEF DESCRIPTION OF EARLY SDC SYSTEM BASED ON THE
BENDIX G-15 COMPUTER.
- 215 NEWS BRIEF ON AMERICAN MANAGMENT ASSOCIATION MEETING
AMA SPONSORS EDUCATION SEMINAR.=
DATAMATION SEPTEMBER 1966 P.68
AMERICAN MANAGMENT ASSOCIATION GRUBB, R. MITZEL, H.
BRIEF ACCOUNT OF MEETING. OF INTEREST IS EXPRESSED
DIFFERENCE OF OPINION OF R.GRUBB AND H.MITZEL ON COURSEWRITER
LANGUAGE AND CAI GENERALLY.
- 216 SCHWARTZ, H.A., AND LONG, F.S. IBM FIELD ENGINEERING DIVISION
INSTRUCTION BY COMPUTER.=
DATAMATION, SEPTEMBER 1966, 73-75, 77-78, 83, 85, 87
SCHWARTZ, H. LONG, F. IBM COURSEWRITER
BRIEFLY OUTLINES PROBLEMS OF PROGRAMED INSTRUCTION THAT
CAI SHOULD OVERCOME. GOOD SUMMARY OF COURSEWRITER LANGUAGE.
OUTLINES USE OF CAI IN IBM IN-HOUSE TRAINING FOR SYSTEM 360.
- 217 HAGA, ENOCH J.
A COMPUTER COMES TO THE CLASSROOM.=
JOURNAL OF BUSINESS EDUCATION, FEBRUARY 1962, 202
HAGA, E. ROYAL PRECISION LGP-30
ROYAL MCBEE CORPORATION HIGH SCHOOL SCIENCE
SHORT ARTICLE DESCRIBING THE USE OF A ROYAL PRECISION
LGP-30 COMPUTER TO INTRODUCE USE OF COMPUTING, AND
COORDINATE THIS USE IN A HIGH SCHOOL SCIENCE PROGRAM.
- 218 CHRISTIAN, WILLIAM
PRIVATE TUTOR FOR BUSINESS.=

BUSINESS AUTOMATION, FEBRUARY 1962, 26-31
 CHRISTIAN, W. SOC CLASS PROGRAMMED INSTRUCTION
 REVIEW ARTICLE TRACING THE DEVELOPMENT OF PROGRAMED
 INSTRUCTION TO THE SOC CLASS SYSTEM. INCLUDES GLOSSARY OF
 TERMS OF PROGRAMED INSTRUCTION.

- 219 A FEW FACTS ABOUT THE WESTINGHOUSE COMPUTER-BASED
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 WESTINGHOUSE RESEARCH LABORATORIES
 PITTSBURGH, PENNSYLVANIA
 SYSTEM SUMMARY
 ONE PAGE REPORT INDICATING DIRECTION OF WESTINGHOUSE
 EFFORT.
- 220 IBM APPLICATION BRIEF
 COMPUTER-ASSISTED INSTRUCTION AT THE FLORIDA STATE
 UNIVERSITY.=
 INTERNATIONAL BUSINESS MACHINE CORPORATION, DATA PROCESSING
 DIVISION, 112 EAST POST ROAD, WHITE PLAINS, NEW YORK
 FLORIDA STATE IBM INSTITUTE OF HUMAN LEARNING STATISTICS
 CHEMISTRY MATHEMATICS SCIENTIFIC NOTATION
 LITERACY TRAINING CONCEPT FORMATION
 GIVES INTRODUCTION TO PROCEDURES AND DIRECTION OF CAI
 WORK AT THE INSTITUTE OF HUMAN LEARNING AT FLORIDA STATE.
 DESCRIPTION IS GIVEN OF RESEARCH IN TEACHING STATISTICS,
 CHEMICAL CONCEPTS, MODULAR ARITHMETIC, SCIENTIFIC NOTATION,
 LITERACY TRAINING, AND CONCEPT FORMULATION BY CAI.
- 221 THE COMPUTER THAT TALKS LIKE A TEACHER.=
 THE JOURNAL OF ACCOUNTACY, MAY 1964, 27,28,30
 BOLT BERANEK AND NEWMAN SOCRATIC HARVARD BUSINESS SCHOOL
 ECONOMICS DEC PDP-1
 DESCRIBES THE USE OF THE BOLT BERANEK AND NEWMAN SOCRATIC
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- 222 WARD, J. R., AND STRUM, R. D. NAVAL POSTGRADUATE SCHOOL
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 WARD, J. STRUM, R. NAVAL POSTGRADUATE SCHOOL CRITIQUE
 DRAFT OF PAPER INDICATING THE PROBLEMS THE NAVAL
 POSTGRADUATE SCHOOL HAD IN USING CAI IN ENGINEERING
 INSTRUCTION, AND THUS DISCONTINUED ITS USE. AMONG PROBLEMS
 DISCUSSED ARE POOR MAN/MACHINE COMMUNICATION, INTERPRETATION
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- 223 GREEN, D. R., AND HENDERSON, R. L.
 A COMPARISON OF TWO APPROACHES TO BEGINNING READING
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 EMORY UNIVERSITY, ATLANTA, GEORGIA

GREEN, D. HENDERSON, R. EMERY IBM 1440

ONE PAGE ABSTRACT OF A PROPOSAL BY EMORY UNIVERSITY TO ESTABLISH A PROGRAM TO COMPARE THE ANALYTIC AND SYNTHETIC APPROACHES TO BEGINNING READING USING CAI ON IBM-1440-COMPUTER.

- 224 COGSWELL, J., EGBERT, R., MARSH, D. AND YETT, F. SYSTEM DEVELOPMENT CORPORATION
CONSTRUCTION AND USE OF THE SCHOOL SIMULATION VEHICLE. =
SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA, CALIFORNIA
SDC TECHNICAL MEMORANDUM TM-2084, SEPTEMBER 1, 1964
COGSWELL, J. EGBERT, R. MARSH, D. YETT, F. SDC
PHILCO 2000 SCHOOL SIMULATION
DESCRIBES METHOD OF PREPARATION OF SIMULATION PROJECT ON PHILCO 2000 COMPUTER AND PROBLEMS IT WAS INTENDED TO INVESTIGATE. ALSO INDICATES APPLICATIONS OF THE MODEL.
- 225 RYANS, DAVID G. SYSTEM DEVELOPMENT CORPORATION
THE APPLICATION OF PROGRAMMED INSTRUCTION AND
AUTO-INSTRUCTIONAL DEVICES IN COLLEGES AND THEIR RELATION
TO A THEORY OF INSTRUCTION. =
SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA, CALIFORNIA
SDC REPORT SP-1084/001/01, FEBRUARY 26, 1963
RYANS, D. SDC CLASS BENDIX G-15
INTRODUCES PROGRAMMED INSTRUCTION AND SDC CLASS SYSTEM,
INDICATING THE NEED FOR RESEARCH AND DEVELOPMENT IN
AUTOMATED INSTRUCTION. INDICATES REASONS THAT PROGRAMMED
INSTRUCTION CAN ASSIST IN SOLVING PRESENT PROBLEMS OF
COLLEGE INSTRUCTION.
- 226 ATKINSON, R.C., AND HANSEN, D.N. STANFORD UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION IN INITIAL READING. =
RECORD OF IEEE SYSTEMS SCIENCE AND CYBERNETIC CONFERENCE,
OCTOBER 17-18, 1966
ATKINSON, R. HANSEN, D. STANFORD IBM 1800
LEARNING THEORY
DESCRIPTION OF PROGRAM TO TEACH READING BY USE OF THE
CAI SYSTEM CONSTRUCTED AROUND IBM 1800 COMPUTER. EXAMPLES
ARE GIVEN OF CODING INVOLVED. SYSTEM INVOLVES AUDIO AND
VISUAL PRESENTATION DIRECTED BY THE CENTRAL PROCESSING UNIT.
INDICATION IS GIVEN THAT AN OBJECTIVE OF THE PROGRAM IS TO
DEVELOP AN ADEQUATE THEORY OF LEARNING.
- 227 PINES, MAYA
HOW THREE-YEAR-OLDS TEACH THEMSELVES TO READ AND LOVE IT. =
HARPERS MAGAZINE, MAY 1963
PINES, M. MOORE, D. RESPONSIVE ENVIRONMENT LABORATORY
THOMAS EDISON RESEARCH LABORATORY
DESCRIBES A COMPUTER DRIVEN TYPEWRITER SYSTEM TO TEACH
PRE-SCHOOL CHILDREN TO READ. MACHINE IS A CROSS BETWEEN
DIGITAL AND ANALOGUE.

- 228 WARD, LEWIS GRADUATE SCHOOL OF BUSINESS ADMINISTRATION,
HARVARD UNIVERSITY
SOME COMPUTER APPLICATIONS IN RESEARCH AND TEACHING IN
BUSINESS ADMINISTRATION.=
PROCEEDINGS OF A HARVARD SYMPOSIUM ON DIGITAL COMPUTERS AND
THEIR APPLICATIONS, HARVARD UNIVERSITY PRESS, 1962, 265-272
WARD, L. SIMULATION ECONOMICS HARVARD IBM 709 7094
DISCUSSION OF THE USE OF HARBUS 2, A MODEL OF A TOTAL
BUSINESS ENTERPRISE ON THE IBM 709 OR 7090 COMPUTER. USED
FOR TEACHING, BY SIMULATION, IN THE HARVARD BUSINESS SCHOOL.
- 229 FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN
NEW EDUCATIONAL POTENTIALS OF INFORMATION TECHNOLOGY.=
RECORD OF IEEE SYSTEMS SCIENCE AND CYBERNETICS CONFERENCE,
OCTOBER 17-18, 1966
FEURZEIG, W. BOLT BERANEK AND NEWMAN MENTOR TELCOMP LOGO
OVERVIEW OF FIELD OF APPLICATION OF COMPUTERS TO
EDUCATION. INCLUDES ADMINISTRATIVE USES AS WELL AS
INTERACTIVE CAI. MAJOR PORTION OF PAPER DISCUSSES THE USES
OF SPECIAL LANGUAGES FOR SOLUTION OF STUDENT PROBLEMS.
- 230 FEIGENBAUM, E. A.
COMPUTER SIMULATION OF HUMAN BEHAVIOR.=
RAND CORPORATION REPORT P-2905, MAY 1964
FEIGENBAUM, E. RAND LEARNING THEORY
SURVEY ARTICLE REVIEWING THE DIRECTION OF RESEARCH IN
LEARNING THEORY THROUGH BEHAVIOR SIMULATION.
- 231 ZINN, KARL L. UNIVERSITY OF MICHIGAN
CAI - SYSTEM AND PROJECTS.=
AUTOMATED EDUCATION LETTER, VOL. 1, NO. 8, MAY 1966, 3-13
ZINN, K. SDC IBM ILLINOIS FLORIDA STATE PENNSYLVANIA STATE
PITTSBURGH BOLT BERANEK AND NEWMAN BOCES
EDISON RESPONSIVE ENVIRONMENT INSTRUMENTS
DECISION SCIENCES LABORATORY EDUCATIONAL TESTING SERVICE
MASSACHUSETTS BOARD OF EDUCATION MICHIGAN STATE STANFORD
TEXAS STONY BROOK IRVINE SANTA BARBARA
SUMMARY OF CURRENT PROJECTS OF INSTITUTIONS HAVING CAI.
INCLUDED ARE DISCUSSION OF PROJECTS AT BOLT BERANEK AND
NEWMAN, BOCES, EDISON RESPONSIVE ENVIRONMENT INSTRUMENTS,
DECISION SCIENCES LABORATORY, EDUCATIONAL TESTING SERVICE,
FLORIDA STATE, IBM, MASSACHUSETTS BOARD OF EDUCATION,
MICHIGAN STATE, PENNSYLVANIA STATE, PITTSBURGH, ILLINOIS,
SYSTEM DEVELOPMENT CORPORATION, STANFORD, TEXAS, STONY
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- 232 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS,
URBANA, ILLINOIS
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL. 17 NO. 4, OCTOBER 1965
PP. 38-39

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PERIODIC PROGRESS REPORT OF THE THE UNIVERSITY OF ILLINOIS COORDINATED SCIENCE LABORATORY. SYSTEM EQUIPMENT, THE CATS SYSTEM AND PLASMA DISCHARGE DISPLAY TUBE RESEARCH ARE DISCUSSED.

- 233 ZINN, KARL L. UNIVERSITY OF MICHIGAN
THE COMPUTER PACKAGE IS AN EDUCATIONAL TOOL. RESEARCH VIA ON LINE COMPUTER SYSTEMS.*
AUTOMATED EDUCATION LETTER, VOL.1, NO.7, APRIL 1966, 8-16
ZINN, K. MATHEMATICS PHYSICAL SCIENCES BIOLOGICAL SCIENCES
BEHAVIORAL SCIENCES TEST REFERENCES SOCIAL SCIENCES
LANGUAGE SKILLS ENGINEERING HEALTH COMPUTER SCIENCE
BUSINESS LIBRARY SCIENCE
LISTING OF AREAS AND TOPICS OF COURSES AND COURSE
FRAGMENTS AVAILABLE IN CAI. INDICATION GIVEN OF AUTHOR,
SYSTEM, LANGUAGE, AND EQUIPMENT
- 234 HARNACK, ROBERT S. STATE UNIVERSITY OF NEW YORK AT BUFFALO
THE USE OF ELECTRONIC COMPUTERS TO IMPROVE INDIVIDUALIZATION
OF INSTRUCTION THROUGH UNIT TEACHING.*
AUTOMATED EDUCATION LETTER, VOL.1, NO.5, FEBRUARY 1966, 3-8
HARNACK, R.
INDICATES THE USE OF A COMPUTER IN THE COORDINATION AND
ADMINISTRATION OF UNIT TEACHING.
- 235 SILVERN, LEONARD C. EDUCATION AND TRAINING CONSULTANTS CO.
A STATUS REPORT ON ELEMENTS OF EYBOL.*
AUGUST 4, 1966
SILVERN, L. EDUCATION AND TRAINING CONSULTANTS
GE-265 NAVAL ORDNANCE TEST STATION
SHORT DISCUSSION OF A CAI TRAINING SYSTEM DEVELOPED BY
THE NAVAL ORDNANCE TEST STATION AT CHINA LAKE AND EDUCATION
AND TRAINING CONSULTANTS CO. THE SYSTEM USES A GE-265
COMPUTER IN A TIME-SHARING MODE AND IS WRITTEN IN FORTRAN.
- 236 ARMSTRONG, DAVID T. SOUTH PLAINFIELD (N.J.) HIGH SCHOOL
THE COMPUTER PACKAGE IS AN EDUCATIONAL TOOL.*
BUSINESS EDUCATION WORLD, JANUARY 1966, 20-21
ARMSTRONG, D. MENROBOT-XI MENROBE INTERNATIONAL
SHORT ARTICLE DESCRIBING THE USE OF THE MENROBOT XI,
A SMALL COMPUTER FOR THE TEACHING OF COMPUTER SCIENCE
PRODUCED BY MENROBE INTERNATIONAL.
- 237 ZINN, KARL L. UNIVERSITY OF MICHIGAN
PROCEDURES FOR DESCRIBING THE CONTENT AND STRATEGY OF
COMPUTER ASSISTED INSTRUCTION PROGRAMS.*
AUTOMATED EDUCATION LETTER, VOL.1 NO.10, JULY/AUGUST 1966
14-18
ZINN, K.
DESCRIPTION OF METHODS AND RELATIVE VALUE OF THE METHODS
USED TO DESCRIBE BOTH THE ACTION AND EFFECTIVENESS OF CAI

PROGRAMS.

- 238 ZINN, KARL L. UNIVERSITY OF MICHIGAN
COMPUTER ASSISTANCE FOR INSTRUCTION.=
AUTOMATED EDUCATION LETTER, VOL.1, NO.1, OCTOBER 1965, 4-14
ZINN, K. COSTS AUTHOR INPUT
INDICATES PRESENT REALITIES OF CAI. PROBLEMS OF COST OF
OPERATION, AUTHOR INPUT, EVALUATION, AND RELATION TO OTHER
MODES OF SELF INSTRUCTION ARE COVERED.
- 239 ZINN, KARL L. UNIVERSITY OF MICHIGAN
AN INTRODUCTION TO PREPARATION OF INSTRUCTIONAL MATERIALS
FOR COMPUTER PRESENTATION VIA IBM COURSEWRITER.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING UM-CALY
DRAFT 6/3/66
ZINN, K. MICHIGAN
A SHORT INTRODUCTION TO COURSEWRITER AND THE GENERAL
WRITING OF CAI MATERIAL. MENTION GIVEN TO THE THOUGHT THAT
AUTHORS NEED ONLY A GENERAL KNOWLEDGE OF COURSEWRITER, FOR
THE AUTHOR SHOULD TURN HIS IDEAS OVER TO A PROGRAMMING EXPERT
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- 240 MARTIN, J.H. SUPERINTENDENT OF SCHOOLS, MT. VERNON, NEW YORK
FREEPORT PUBLIC SCHOOLS EXPERIMENT ON EARLY READING USING
THE EDISON RESPONSIVE ENVIRONMENT INSTRUMENTS.=
RESPONSIVE ENVIRONMENTS CORPORATION, NEW YORK
MARTIN, J. MOORE, O. KOBLER, R.
APPLICATION OF THE COMPUTERIZED TALKING TYPEWRITE TO THE
TEACHING OF READING TO KINDERGARTEN AND MENTALLY RETARDED
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- 241 ERE LEARNING SYSTEM.=
RESPONSIVE ENVIRONMENTS CORPORATION, NEW YORK
MOORE, O. KOBLER, R. EDISON RESPONSIVE ENVIRONMENT INSTRUMENT
DESCRIBES HOW THE EDISON RESPONSE ENVIRONMENTS
CORPORATIONS TALKING TYPEWRITER TEACHES READING. INDICATES
SOME OF THE STUDIES CONDUCTED WITH THE INSTRUMENT.
- 242 SLAMECKA, VLADIMIR GEORGIA INSTITUTE OF TECHNOLOGY, SCHOOL
OF INFORMATION SCIENCE
A REPORT ON THE FOURTH SYMPOSIUM ON TEACHING MACHINES.=
REPORT TO THE NATIONAL SCIENCE FOUNDATION OF THE
MARCH 9-13, 1966 MEETING IN DUSSELDORF, WEST GERMANY.
ATLANTA, GEORGIA, MAY 30, 1966
SLAMECKA, V. PROGRAMMED INSTRUCTION TEACHING MACHINES
INDICATES STATE OF ART AND DIRECTION OF RESEARCH IN THE
AREA OF AUTOMATED INSTRUCTION IN EUROPE.
- 243 FILLMAN, L.A. UNIVERSITY OF ILLINOIS
CSL PLATO SYSTEM MANUAL.=
COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS
FILLMAN, L. ILLINOIS

OPERATING MANUAL FOR THE PLATO SYSTEM. DESCRIPTION OF
HARDWARE, SOFTWARE, PREPARATION OF MATERIALS, OPERATING
PROCEDURES, AND ASSISTANCE TO PROGRAM WRITERS.

- 244 GENERAL ELECTRIC COMPANY, INFORMATION SYSTEMS DIVISION
BASIC LANGUAGE REFERENCE MANUAL.*
IPC-202026, JUNE 1965, REV. MAY 1966
GENERAL ELECTRIC DARTMOUTH
REFERENCE MANUAL FOR BEGINNERS ALL-PURPOSE SYMBOLIC
INSTRUCTION CODE (BASIC) LANGUAGE. THE LANGUAGE IS ONE OF
THE SO-CALLED STUDENT LANGUAGES DEVELOPED FOR INSTRUCTION
IN COMPUTING BY ACTUALLY WRITING PROGRAMS. THE LANGUAGE WAS
DEVELOPED AT DARTMOUTH COLLEGE AND OPERATES ON GENERAL
ELECTRIC TIME SHARING COMPUTERS.
- 245 GENERAL ELECTRIC COMPANY, INFORMATION SYSTEMS DIVISION
BASIC LANGUAGE PROGRAMMING INSTRUCTORS GUIDE.*
IPC-202026, JUNE 1965, REV. MAY 1966
GENERAL ELECTRIC DARTMOUTH
COMPANION VOLUME TO REFERENCE 244. THIS BROCKET SERVES AS
A GUIDE FOR THE TEACHING OF A COURSE IN BASIC.
- 246 FLORIDA STATE UNIVERSITY, TALLAHASSEE, FLORIDA
STUDY OF COMPUTER POTENTIAL IN HELPING PUPILS LEARN.*
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
PHYSICAL SCIENCES DIVISION, VOL.17, NO.2, APRIL 1965, 31-32
FLORIDA STATE
SHORT DESCRIPTION OF THE PLANS AT FLORIDA STATE TO
INVESTIGATE THE EFFECTIVENESS OF CAI FROM KINDERGARTEN
THROUGH GRADUATE SCHOOL.
- 247 COMPUTATION CENTER, DARTMOUTH COLLEGE, HANOVER, NEW HAMPSHIRE
DARTMOUTH TIME-SHARING SYSTEM.*
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
PHYSICAL SCIENCES DIVISION, VOL.17, NO.2, APRIL 1965, 12-16
DARTMOUTH OF ERAL ELECTRIC DATANET-30
GE-235 BASIC
DESCRIPTION OF THE COMPUTING FACILITIES AT DARTMOUTH ON
WHICH THE BASIC SYSTEM IS USED. MAJOR PIECES OF HARDWARE ARE
THE GENERAL ELECTRIC DATANET-30 AND THE GENERAL ELECTRIC
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- 248 IBM, WHITE PLAINS, NEW YORK
INDUSTRIAL TEST OF COMPUTER ASSISTED INSTRUCTION.*
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.18, NO.1, JAN.1966,
49-51
IBM
OVERVIEW OF THE IBM SYSTEM TO TRAIN CUSTOMER ENGINEERS BY
CAI.
- 249 UNIVERSITY OF CALIFORNIA, IRVINE

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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.18, NO.1, JAN.1966,
29-30

IRVINE

OVERVIEW OF THE PLAN AT IRVINE TO BECOME A COMPUTERIZED
EDUCATIONAL INSTITUTION. INDICATION GIVEN OF USES OF CAI IN
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IBM, YORKTOWN HEIGHTS, NEW YORK
EXPERIMENTAL COMPUTER-ASSISTED INSTRUCTION SYSTEM.-
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
PHYSICAL SCIENCES DIVISION, VOL.17, NO.2, APRIL 1965
IBM PENNSYLVANIA STATE MITZEL, H.

INDICATES THE DIRECTION OF THE CAI PROJECT OF IBM IN
CONNECTION WITH PENNSYLVANIA STATE. OUTLINES IBM WORK IN CAI
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UNIVERSITY OF LOUISVILLE
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.17, NO.4, OCT.1965, 41
LOUISVILLE

DESCRIPTION OF A SYSTEM AT THE SPEED SCIENTIFIC SCHOOL
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.16, NO.3, JULY 1964,
14-17
ILLINOIS

QUARTERLY PROGRESS REPORT OF COORDINATED SCIENCE
LABORATORY. DISCUSSED IN THIS REPORT ARE THE REPLAB AND
PROOF PROGRAMS, SYSTEM EQUIPMENT, THE PLATE III SYSTEM AND
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.17, NO.1, JANUARY 1965
22-23
ILLINOIS

QUARTERLY PROGRESS REPORT OF THE COORDINATED SCIENCE
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WHICH IS USED FOR MULTI-DIMENSIONAL ANALYSIS OF THE INQUIRY
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MEDICAL CENTER, UNIVERSITY OF MISSOURI
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- DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.17, NO.3, JULY 1965,
43-46
MISSOURI HOSPITAL
APPLICATIONS OF COMPUTERS TO HOSPITAL ADMINISTRATION.
ALSO GIVES INDICATIONS OF USE IN TRAINING OF MEDICAL
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- 255 FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN
NEW INSTRUCTIONAL POTENTIALS OF INFORMATION TECHNOLOGY.=
BOLT BERANEK AND NEWMAN INC.
FEURZEIG, W. BOLT BERANEK AND NEWMAN TELCOMP LOGO
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ILY BY HAVING STUDENTS WRITE PROGRAMS IN SO CALLED STUDENT
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- 256 GOWIN, W.L. DIRECTOR, SOUTHERN REGIONAL EDUCATION BOARD
COMPUTERS ON CAMPUS.=
AEDS MONITOR, VOL.V, NO.4, NOVEMBER 1966, 13
GOWIN, W. OKLAHOMA MEDICINE TEXAS FLORIDA STATE
BRIEF ACCOUNT OF CAI WORK IN PROGRESS AT THE UNIVERSITY
OF OKLAHOMA MEDICAL CENTER, THE UNIVERSITY OF TEXAS, AND
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- 257 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
PHYSICAL SCIENCES DIVISION, VOL.17, NO.2, APRIL 1965, 37-39
ILLINOIS
QUARTERLY PROGRESS REPORT ON THE PLATO SYSTEM. SYSTEM
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- 258 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH
MATHEMATICAL SCIENCES DIVISION, VOL.17, NO.3, JULY 1965,
20-24
ILLINOIS
QUARTERLY PROGRESS REPORT ON THE PLATO SYSTEM. SYSTEM
EQUIPMENT, CATO PROGRAM, PLASMA DISCHARGE DISPLAY, AND
LEARNING AND TEACHING RESEARCH PROJECT ARE DISCUSSED.
- 259 SCHWARTZ, H.A. AND LONG, H.S. IBM FIELD ENGINEERING DIVISION
A STUDY OF REMOTE INDUSTRIAL TRAINING VIA COMPUTER-ASSISTED
INSTRUCTION.=
IBM TECHNICAL REPORT TR CO.1417, MARCH 8, 1966
SCHWARTZ, H. LONG, H. IBM 1441
DESCRIPTION OF CAI PROGRAM ON 1441 SYSTEM TO TRAIN SYSTEM
360 FIELD ENGINEERS. RESULTS INCLUDE COMPARABLE RETENTION
BETWEEN CAI AND PROGRAMMED INSTRUCTION, BUT LESS TIME WAS
REQUIRED WITH CAI. SOME INDICATION OF A PREFERENCE FOR

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- 260 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCE DIVISION, VOL.18, NO.2, APRIL 1966,
17-19
ILLINOIS
QUARTERLY PROGRESS REPORT OF COORDINATED SCIENCE LABOR-
ATORY. THIS REPORT DISCUSSES SYSTEM EQUIPMENT, PLASMA-
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- 261 STOLLER, L.M. AND LIPPERT, H.T. UNIVERSITY OF ILLINOIS
SOCRATES II. SYSTEM DATA AND DEVELOPMENT WORK.=
TRAINING RESEARCH LABORATORY, UNIVERSITY OF ILLINOIS,
TECHNICAL MEMORANDUM NO.22, FEBRUARY 1966
STOLLER, L. LIPPERT, H. ILLINOIS IBM 1620
BRIEF DESCRIPTION OF EQUIPMENT INVOLVED IN THE SOCRATES
SYSTEM, AND THE STATUS OF RESEARCH ON THE SYSTEM.
- 262 SILBERMAN, H., COULSON, J., MELARAGNO, R., AND NEWMARK, G.
SYSTEM DEVELOPMENT CORPORATION
USE OF EXPLORATORY RESEARCH AND INDIVIDUAL TUTORING
TECHNIQUES FOR THE DEVELOPMENT OF PROGRAMMING METHODS AND
THEORY.=
SDC TECHNICAL MEMORANDUM TM-895/200/00, JUNE 29, 1964
MELARAGNO, R. NEWMARK, G. SILBERMAN, H. COULSON, J. SDC CLASS
EXAMPLE OF USE OF THE CLASS SYSTEM IN A STUDY OF METHODS
TO IMPROVE PROGRAMMED INSTRUCTION.
- 263 SMITH, ROBERT G., JR.
TEACHING MACHINES AND PROGRAMMED INSTRUCTION. SOME FACTORS
TO CONSIDER IN IMPLEMENTATION.=
U.S.A. AIR DEFENSE HUMAN RESEARCH UNIT, FORT BLISS, TEXAS,
AUGUST 1961, AC-632188
SMITH, R. PROGRAMMED TEXT TEACHING MACHINE
ALTHOUGH PRIMARILY CONCERNED WITH PROGRAMMED TEXTS AND
CONVENTIONAL TEACHING MACHINES, QUESTIONS ARE RAISED THAT
APPLY TO IMPLEMENTATION OF ANY AUTOMATED INSTRUCTION DEVICE.
- 264 LONG, F.S. AND SCHWARTZ, H.A. INTERNATIONAL BUSINESS MACHINES
THE POTENTIALS OF CAI IN INDUSTRY.=
TRAINING DIRECTORS JOURNAL, SEPTEMBER 1966
LONG, F. SCHWARTZ, H. IBM COURSEWRITER IBM 1440
DESCRIPTION OF NEED OF AUTOMATED EDUCATION IN INDUSTRY
WITH INDICATION OF WHAT CAI IS AND HOW IT MAY SERVE THIS
NEED.
- 265 SCHWARTZ, H.A. AND HASKELL, R.J. INTERNATIONAL BUSINESS
MACHINES
A STUDY OF COMPUTER-ASSISTED INSTRUCTION IN INDUSTRIAL
TRAINING.=

- JOURNAL OF APPLIED PSYCHOLOGY, VOL.50, NO.5, OCTOBER 1966,
360-363
SCHWARTZ, H. HASKELL, R. IBM 1440
REPORT OF STUDY TO DETERMINE WHAT ADVANTAGE CAI HAD OVER
MORE CLASSICAL MEANS OF INSTRUCTION IN INDUSTRIAL TRAINING.
REPORT INDICATES A TEN PER CENT TIME SAVINGS WITH CAI AS
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- 266 JANSSEN, PETER A.
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NATIONS SCHOOLS, VOL.78, NO.4, OCTOBER 1966, 70-73
JANSSEN, P.
INDICATION OF POTENTIALS AND LIMITATIONS OF CAI IN FUTURE
EDUCATIONAL SITUATIONS.
- 267 KEENE, JENNESS MCGRAW-HILL WORLD NEWS
COMPUTER AT THE SCHOOL HELPS TEACH STUDENTS HOW TO READ.=
NATIONS SCHOOLS, VOL.78, NO.4, OCTOBER 1966, 81-83
KEENE, J. SUPPES, P. STANFORD IBM 1500
DISCUSSION OF READING PROGRAM, DIRECTED BY IBM 1500
SYSTEM, IN PROJECT AT BRENTWOOD SCHOOL, UNDER THE DIRECTION
OF PATRICK SUPPES.
- 268 UNIVERSITY OF CALIFORNIA, SANTA BARBARA
COMPUTER AIDED INSTRUCTION.=
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.18, NO.4, OCTOBER 1966,
21-22
SANTA BARBARA
DESCRIPTION OF USE OF REMOTE DISPLAY CONSOLES FOR
ASSISTANCE IN SOLUTION OF MATHEMATICS AND ENGINEERING
PROBLEMS.
- 269 SUPPES, PATRICK STANFORD UNIVERSITY
THE USES OF COMPUTERS IN EDUCATION.=
FROM INFORMATION, A SCIENTIFIC AMERICAN BOOK, W.H. FREEMAN
AND COMPANY, 1966, 157-174
SUPPES, P. STANFORD
SUPPES LOOKS AT THE NEED FOR INDIVIDUALIZED INSTRUCTION,
THEN INDICATES HOW HIS PROJECT AT STANFORD IS AN ATTEMPT TO
FILL THIS NEED AT THE ELEMENTARY SCHOOL LEVEL. HE ALSO
INDICATES AREAS THAT HAVE NOT BEEN FULLY EXPLORED IN CAI,
AND HOW THESE IN TURN MIGHT BE OF GREAT VALUE IN FUTURE
WORK.
- 270 ZINN, KARL L. UNIVERSITY OF MICHIGAN
WHAT COMPUTERIZED INSTRUCTION IS ALL ABOUT.=
NATIONS SCHOOLS, VOL.78, NO.4, OCTOBER 1966, 78,80,134
ZINN, K. STATE OF ART REPORT COST INPUT
STATE OF ART PRESENTATION WITH PARTICULAR EMPHASIS ON

COST FACTORS AND PROBLEMS OF STUDENT INPUT.

- 271 FINN, JAMES D. AND PERRIN, DONALD G.
TEACHING MACHINES AND PROGRAMMED LEARNING. A SURVEY OF THE
INDUSTRY. 1962.=
U.S. DEPARTMENT OF HEALTH EDUCATION AND WELFARE, OFFICE OF
EDUCATION, OE-34019, U.S. GOVERNMENT PRINTING OFFICE, 1964,
CATALOG NO.F55.234.34019
FINN, J. PERRIN, D.
STATE OF ART REPORT OF AREA. THOUGH PRIMARILY CONCERNED
WITH NON-COMPUTER SYSTEMS, THIS REPORT SERVES AS A GOOD
INTRODUCTION TO AUTOMATED INSTRUCTION.
- 272 STOLLERW, L.M. AND LIPPERT, H.T. UNIVERSITY OF ILLINOIS
AUTOMATICALLY TRANSLATING HEURISTICALLY ORGANIZED ROUTINES.
AUTHOR 1.=
TRAINING RESEARCH LABORATORY TECHNICAL MEMORANDUM NO.21,
FEBRUARY 10, 1966
STOLLERW, L. LIPPERT, H. ILLINOIS SOCRATES IBM 1620
DESCRIPTION OF THE AUTHOR MODE OPERATION ON THE SOCRATES
SYSTEM, AND ITS USE IN PRESENTATION OF INSTRUCTIONAL
MATERIAL TO STUDENTS.
- 273 WINIECKI, KENNETH B. HARVARD UNIVERSITY
TACT ON-LINE COMPUTING SYSTEM. VERSION-II.=
PRELIMINARY RELEASE, AUGUST 12, 1966
WINIECKI, K. CULLER, G. FRIED, B. HARVARD
MANUAL FOR TACT SYSTEM WHICH IS BASED ON THE ON-LINE SYS-
TEM OF GLEN CULLER AND BURTON FRIED. THIS SYSTEM REPRESENTS
ONE OF THE SO-CALLED STUDENT LANGUAGES BY WHICH A STUDENT
WORKS ON A REMOTE TERMINAL WITH A SOMEWHAT SELF-EXPLANATORY
INTERPRETER.
- 274 HANSEN, DUNCAN N. FLORIDA STATE UNIVERSITY
QUARTERLY PROGRESS REPORT, COMPUTER ASSISTED INSTRUCTION
CENTER.=
QUARTERLY PROGRESS REPORT NO.3, OCTOBER 1, 1966, COVERS
PERIOD JULY 1, 1966 THROUGH SEPTEMBER 30, 1966.
HANSEN, D. FLORIDA STATE PHYSICS KROPP, R. INSTITUTE OF HUMAN
LEARNING
REPORT COVERING ACTIVITIES OF CAI CENTER FOR THE PERIOD.
EXTENSIVE DISCUSSION OF PROJECT ON TEACHING COLLEGE PHYSICS.
INCLUDES ABSTRACTS OF COMPLETED RESEARCH ON CAI SYSTEM AND
LISTS CURRENT PROJECTS.
- 275 ANDERSEN, RICHARD C. UNIVERSITY OF ILLINOIS
TWO RULES FOR MANIPULATING SEQUENCE OF STIMULI IN CONCEPT
LEARNING TASKS.=
TRAINING RESEARCH LABORATORY, PRE-PUBLICATION DRAFT
ANDERSEN, R. ILLINOIS SOCRATES EDUCATIONAL PSYCHOLOGY IBM
16.0/1717
DESCRIPTION OF STUDY ON THE SOCRATES SYSTEM TO STUDY

EFFECTS OF PRESENTATION OF CUES IN CONCEPT LEARNING.

- 276 ENGLUND, D. AND ESTAVAN, D. SYSTEM DEVELOPMENT CORPORATION
PROGRAMMING A COMPUTER TO TEACH.=
DATAPATRON, APRIL 1961, 20-22
ENGLUND, D. ESTAVAN, D. SDC CLASS BENDIX G-15 PHILCO 2000
BRIEF DESCRIPTION OF METHOD BY WHICH EDUCATIONAL MATERIAL
IS PROGRAMMED AND PROCESSED IN THE BENDIX G-15 AND PHILCO
2000 SYSTEMS.
- 277 SO YOU WANT TO USE THE COMPUTER....=
COMPUTER FACILITY, UNIVERSITY OF CALIFORNIA, IRVINE
IRVINE, COURSEWRITER IBM 1410 1440
INTRODUCTION TO THE APPLICATIONS OF COMPUTERS ON THE
IRVINE CAMPUS. THE TIME SHARING IRVINE SYMBOLIC INTERPRE-
TIVE SYSTEM (ISIS) AND THE CAI SYSTEM USING IBM EQUIPMENT
AND COURSEWRITER ARE GIVEN CAREFUL DESCRIPTION.
- 278 LOUGHARY, JOHN W. UNIVERSITY OF OREGON
MAN-MACHINE SYSTEMS IN EDUCATION.=
HARPER AND ROW, 1966
LOUGHARY, J. COGSWELL, J. EDLING, J. FARNER, F. GROSSMAN, A.
HOWE, R. TONDOW, M.
DISCUSSION OF APPLICATION OF MACHINE SYSTEMS TO VARIOUS
AREAS OF EDUCATION. THOUGH MOST STRESS IS ON FUTURE
APPLICATIONS, THE CONCEPTS PRESENTED ARE BASED ON CURRENT
RESEARCH THAT IS CAREFULLY COVERED.
- 279 COMPUTERIZED CLASSROOMS ARE ALMOST HERE.=
CHANGING TIMES, THE KIPLINGER MAGAZINE, MARCH 1967, 24-28
SURVEY
A NONTECHNICAL SURVEY ARTICLE OUTLINING THE VARIOUS AREAS
OF AUTOMATED INSTRUCTION. BRIEF MENTION OF SEVERAL CURRENT
PROJECTS IS GIVEN.
- 280 COGSWELL, J., DENAHUE, C., ESTAVAN, D., AND ROSENQUIST, B.
SYSTEM DEVELOPMENT CORPORATION
THE DESIGN OF A MAN-MACHINE COUNSELING SYSTEM.=
SDC PAPER SP-2576/001/01, SEPTEMBER 30, 1960
COGSWELL, J. DENAHUE, C. ESTAVAN, D. ROSENQUIST, B. PHILCO 2000
SDC
DESCRIPTION OF SYSTEM TO SIMULATE COUNSELING INTERVIEW.
EARLIER WORK IN THIS AREA AT SDC IS ALSO DISCUSSED.
- 281 BLACKHURST, A. EDWARD UNIVERSITY OF PITTSBURGH
TECHNOLOGY IN SPECIAL EDUCATION -- SOME IMPLICATIONS.=
EXCEPTIONAL CHILDREN, VOL. 31, NO. 9, MAY 1965, 449-456,
UNIVERSITY OF PITTSBURGH, LEARNING R AND D CENTER, REPRINT 3
BLACKHURST, A. PITTSBURGH
DESCRIBES HOW AUTOMATED EDUCATION METHODS MAY BE APPLIED
TO THE EDUCATION OF VISUALLY HANDICAPPED, CEREBRAL PALSID, DEAF AND HARD OF HEARING, CHILDREN WITH BEHAVIOR DEVIATIONS,

THE MENTALLY RETARDED AND THE MENTALLY ADVANCED.

- 282 KAUPÉ, ARTHUR F., JR. WESTINGHOUSE RESEARCH LABORATORIES
OPERATING SOFTWARE FOR A COMPUTER-BASED INSTRUCTION SYSTEM.=
TECHNICAL REPORT 3, LEARNING RESEARCH AND DEVELOPMENT
LABORATORIES, UNIVERSITY OF PITTSBURGH, MARCH 1966
KAUPÉ, A. PITTSBURGH WESTINGHOUSE
OVERVIEW OF SOFTWARE PROBLEMS OF A CAI SYSTEM. REQUIRE-
MENTS FOR THE COMPILING, INTERPRETIVE, EXECUTIVE AND SERVICE
SYSTEMS ARE DISCUSSED.
- 283 GILMAN, DAVID A. PENNSYLVANIA STATE UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION FOR TECHNICAL EDUCATION.=
SCHOOL SHOP, NOVEMBER 1966
GILMAN, D. PENNSYLVANIA STATE IBM 1410
BRIEF SURVEY OF CAI WITH PARTICULAR REFERENCE TO THE
PROGRAMS IN POST-HIGH-SCHOOL TECHNICAL EDUCATION BEING
DEVELOPED AT PENNSYLVANIA STATE.
- 284 MITZEL, HAROLD E. AND BRANDON, GEORGE L. PENNSYLVANIA STATE
UNIVERSITY
EXPERIMENTATION WITH COMPUTER-ASSISTED INSTRUCTION IN
TECHNICAL EDUCATION.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, COLLEGE OF
EDUCATION SEMI-ANNUAL PROGRESS REPORT, DECEMBER 31, 1966
MITZEL, H. BRANDON, G. PENNSYLVANIA STATE IBM 1410
COURSEWRITER ENGINEERING SCIENCE MATHEMATICS COMMUNICATION
REPORT COVERS WORK AT THE LABORATORY FROM JULY 1 TO
DECEMBER 31, 1966. TOPICS COVERED INCLUDE THE COURSEWRITER
LANGUAGE, CAI MATERIALS IN TECHNICAL EDUCATION, BARRIERS TO
THE DEVELOPMENT OF CAI, STUDENT PERFORMANCES IN CAI,
EFFICIENCY OF COURSE PREPARATION, ATTITUDES OF STUDENTS TO
CAI, AS WELL AS RESEARCH REPORTS ON CURRENT PROJECTS.
- 285 THE LABORATORY FOR COMPUTER-ASSISTED INSTRUCTION.=
THE UNIVERSITY OF TEXAS, PROGRESS REP. 2, JULY-SEPTEMBER
1966
TEXAS IBM 1401 CHEMISTRY EDUCATIONAL PSYCHOLOGY COURSEWRITER
GERMAN MUSIC MATHEMATICS BUNDERSOHN, C.
INDICATES WORK OF LABORATORY OVER THE THREE MONTH PERIOD.
PRIMARY WORK WAS IN THE PHYSICAL ARRANGEMENT OF THE LAB-
ORATORY. MENTION GIVEN OF WORK IN CAI IN CHEMISTRY. LIST-
INGS OF CURRENT RESEARCH PROJECTS INCLUDED.
- 286 COMPUTER-ASSISTED INSTRUCTION AND PROJECT IMPACT. THE
FAMILIARIZATION PROGRAM.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, UNIVERSITY OF
TEXAS
TEXAS WARD, J. REMOTE TERMINALS COST
PAPER INDICATING REQUIREMENTS AND COSTS OF CONNECTION TO
THE TEXAS CAI SYSTEM.

- 287 COMPUTER-ASSISTED INSTRUCTION AN INTRODUCTION TO
 INTERPRETIVE COURSEWRITER.=
 COMPUTER FACILITY, UNIVERSITY OF CALIFORNIA, IRVINE, JUNE
 1966
 IRVINE
 INTRODUCTION TO CAI FOR AN INSTRUCTOR, FOLLOWED BY A
 COMPLETE MANUAL OF THE COURSEWRITER LANGUAGE, INCLUDING MANY
 EXAMPLES OF PARTS OF PROGRAMS.
- 288 EDUCATIONAL APPLICATIONS, JOINT PROJECT, UC IRVINE AND IBM
 CORPORATION.=
 IBM SCIENTIFIC CENTER STAFF, UC IRVINE COMPUTER FACILITY,
 MARCH 1, 1967
 IRVINE IBM 360 1410 TONGE, F.
 PLANS FOR THE JOINT STUDY WHICH WILL SEEK TO DEVELOP A
 TOTAL UNIVERSITY COMPUTER SYSTEM. PRIMARY EMPHASIS IS ON
 LEARNING/INSTRUCTION, ADMINISTRATION, AND LIBRARY. PROJECT
 LEADER IS F.M.TONG
- 289 ISIS REFERENCE MANUAL.=
 COMPUTER FACILITY, UNIVERSITY OF CALIFORNIA, IRVINE, OCTOBER
 1966
 IRVINE
 DESCRIPTION OF THE IRVINE SYMBOLIC INTERPRETIVE SYSTEM
 (ISIS) WHICH IS A REMOTE COMPUTING SYSTEM BASED ON JOSS.
- 290 BUNDERSØN, C.VICTOR UNIVERSITY OF TEXAS
 COMPUTER-ASSISTED INSTRUCTION AT THE UNIVERSITY OF TEXAS.=
 AUTOMATED EDUCATION LETTER, VOL.2, NO.1, NOVEMBER 1965, 3-8
 BUNDERSØN, C. IBM 1401
 BRIEF OUTLINE OF THE TEXAS CAI LABORATORY WITH INDICATION
 OF PLANS FOR FUTURE WORK.
- 291 FEURZEIG, W., SWETS, J., BREEN, M. BOLT BERANEK AND NEWMAN,
 AND MUNTER, P. HARVARD UNIVERSITY HEALTH SERVICE
 COMPUTER-AIDED TEACHING IN MEDICAL DIAGNOSIS.=
 THE JOURNAL OF MEDICAL EDUCATION, VOL.39, NO.8, AUGUST 1964,
 746-754
 FEURZEIG, W. MUNTER, P. SWETS, J. BREEN, M. BOLT BERANEK AND
 NEWMAN HARVARD DEC PDP-1
 DISCUSSION OF MEDICAL DIAGNOSIS PROGRAM WITH AN EXAMPLE
 OF ITS USE.
- 292 THIRD BAR CONFERENCE ON CAI LANGUAGES.=
 AUTOMATED EDUCATION LETTER, VOL.2, NO.3, JANUARY 1967, 3-10
 SOC CLASS FEINGOLD, S. PLANIT COGSWELL, J. ESTAVAN, C. PHILCO
 COUNSELING
 SUMMARY OF CAI WORK AT SYSTEM DEVELOPMENT CORPORATION
 DATING BACK TO 1958. PARTICULAR EMPHASIS IS GIVEN TO THE
 PLANIT AUTHOR LANGUAGE AND COMPUTER ASSISTED COUNSELING.
- 293 THIRD BAR CONFERENCE ON CAI LANGUAGES (CONTINUED).=

AUTOMATED EDUCATION LETTER, VOL.2, NO.4, FEBRUARY 1967, 5-9
SOC

CONTINUATION OF REPORT IN REFERENCE 292. CONCLUSION OF
DISCUSSION OF CAI WORK AT SYSTEM DEVELOPMENT CORPORAT EN IS
GIVEN, AS WELL AS COMMENTS ON THE DISCUSSION GROUPS AT THE
CONFERENCE.

- 294 ZINN, KARL L. UNIVERSITY OF MICHIGAN
RESEARCH AT THE CENTER FOR RESEARCH ON LEARNING AND
TEACHING.=
AUTOMATED EDUCATION LETTER, VOL.2, NO.5, MARCH 1967, 3-6
ZINN, K. MICHIGAN
BRIEF OVERVIEW OF WORK AT THE CENTER.
- 295 DESCRIPTION OF THE COMPUTER-BASED EDUCATION RESEARCH
LABORATORY.=
UNIVERSITY OF ILLINOIS
ILLINOIS VOLPP, L. LYMAN, E. BITZER, D. PLATZ
BRIEF OUTLINE OF THE NEW LABORATORY AND THE WORK IT WILL
PERFORM.
- 296 BITZER, MARYANN UNIVERSITY OF ILLINOIS
CLINICAL NURSING INSTRUCTION VIA THE PLATZ SIMULATED
LABORATORY.=
NURSING RESEARCH, VOL.15, NO.2, SPRING 1966
BITZER, M. ILLINOIS
REPORT ON EXPERIMENT IN WHICH A PORTION OF A NURSING
TRAINING PROGRAM WAS PRESENTED BY CAI, AND THE RESULTS
COMPARED WITH CLASSICAL PRESENTATION.
- 297 SUPPES, PATRICK STANFORD UNIVERSITY
THE TEACHER AND COMPUTER ASSISTED INSTRUCTION.=
NEA JOURNAL, FEBRUARY 1967, 15-17
SUPPES, P. STANFORD
SHORT DISCUSSION OF POTENTIAL OF CAI IN SCHOOLS. TUTOR-
IAL SYSTEMS, INDIVIDUALIZED DRILL AND PRACTICE SYSTEMS, AND
DIALOGUE SYSTEMS ARE COVERED.
- 298 SLAUGHTER, ROBERT E. MCGRAW-HILL INC.
THE EDUCATOR AND THE INDUSTRIALIST.=
NEA JOURNAL, FEBRUARY 1967, 27-29
SLAUGHTER, R.
OUTLINES NEED FOR COOPERATION BETWEEN INDUSTRIAL AND
EDUCATIONAL INSTITUTIONS FOR FULL DEVELOPMENT OF CAI.
- 299 SUPPES, PATRICK STANFORD UNIVERSITY
THE COMPUTER AND EXCELLENCE.=
SATURDAY REVIEW, JANUARY 14, 1967, 46, 48, 50
SUPPES, P. STANFORD ELEMENTARY SCHOOL MATHEMATICS
BRIEF ARTICLE REPORTING THE APPLICATION OF CAI TO
ELEMENTARY SCHOOL MATHEMATICS, AND HOW CAI WILL LEAD TO
INDIVIDUAL INSTRUCTION IN ELEMENTARY SCHOOL AND OTHER AREAS.

- 300 DEVELOPMENT AND IMPLEMENTATION OF A LEARNER SENSITIVE
COMPUTER-ASSISTED EDUCATIONAL SYSTEM.=
PURPOSAL TO OFFICE OF EDUCATION, U.S. DEPARTMENT OF HEALTH,
EDUCATION AND WELFARE, JOINT SCHOOL DISTRICT NO.8, SHAWANO,
WISCONSIN
SHAWANO SCHOOL DISTRICT WESTINGHOUSE
PROPOSAL TO THE OFFICE OF EDUCATION BY THE SHAWANO SCHOOL
SYSTEM AND WESTINGHOUSE. INCLUDES A DESCRIPTION OF THE
PURPOSED WESTINGHOUSE SYSTEM AND HOW IT WILL BE DEVELOPED.
ALSO INDICATES HOW A CAI SYSTEM WILL BE OF SPECIAL BENEFIT
TO THE UNDERPRIVILEGED.
- 301 COMPUTER HELPS TEACH CHEMICAL CONCEPTS.=
152ND A.C.S. NATIONAL MEETING, CHEMICAL EDUCATION, CHEMICAL
AND ENGINEERING NEWS, SEPTEMBER 26, 1966
TEXAS RODRIGUEZ, C. LAGOWSKI, J. SIMULATION
BRIEF ACCOUNT OF THE IDEAS PRESENTED FOR USE OF COMPUTERS
IN CHEMISTRY INSTRUCTION AT A SYMPOSIUM OF PROGRESS REPORTS
ON THE DEVELOPMENT OF NEW TEACHING AIDS FOR COLLEGE CHEM-
ISTRY.
- 302 ADAMS, E.N. IBM WATSON RESEARCH CENTER
REFLECTIONS ON THE DESIGN OF A CAI OPERATING SYSTEM.=
AFIPS CONFERENCE PROCEEDINGS, VOL.30, 1967 SPRING JOINT
COMPUTER CONFERENCE, THOMPSON BOOKS, WASHINGTON
ADAMS, E. IBM
DISCUSSION OF THE NECESSARY TECHNICAL REQUIREMENTS FOR A
FULLY EFFECTIVE CAI SYSTEM. REFERENCE GIVEN TO WORK WITH
IBM 1440, 7010-1440, AND 1500 SYSTEMS.
- 303 WOOTKE, KENNETH H. PENNSYLVANIA STATE UNIVERSITY
EDUCATIONAL REQUIREMENTS FOR A STUDENT-SUBJECT MATTER
INTERFACE.=
AFIPS CONFERENCE PROCEEDINGS, VOL.30, 1967 SPRING JOINT
COMPUTER CONFERENCE, THOMPSON BOOKS WASHINGTON
WOOTKE, K. PENNSYLVANIA STATE
DISCUSSION OF PROBLEMS OF EFFECTIVE PRESENTATION OF
MATERIAL IN A CAI SYSTEM, AND THE REQUIREMENTS FOR FUTURE
SYSTEMS TO PRESENT MATERIAL IN A MORE EFFECTIVE MANNER.
- 304 KOPSTEIN, FELIX F., AND SEIDEL, ROBERT J.
COMPUTER ADMINISTERED INSTRUCTION VERSUS TRADITIONALLY
ADMINISTERED INSTRUCTION. ECONOMICS.=
HUMAN RESOURCES RESEARCH OFFICE, THE GEORGE WASHINGTON
UNIVERSITY (PRE-PUBLICATION DRAFT) APRIL 1967
KOPSTEIN, F. SEIDEL, R. COSTS
AN ANALYSIS OF COSTS OF CAI AND TRADITIONAL METHODS
CONSIDERING GRADES 1 THROUGH 12, COLLEGE, AND MILITARY
TRAINING.
- 305 GELMAN, M. PHILCO-FORD CORPORATION

CENTRALIZED VS. DECENTRALIZED COMPUTER ASSISTED INSTRUCTION
SYSTEM.=

AFIPS CONFERENCE PROCEEDINGS, VOL.30, 1967 SPRING JOINT
COMPUTER CONFERENCE, THOMPSON BOOKS, WASHINGTON
GELMAN, P. PHILCO

INDICATES ADVANTAGES TO A CAI SYSTEM WHERE CONTROL IS
ULTIMATELY THROUGH A LARGE CENTRAL SYSTEM SERVING VARIOUS
REMOTE LOCATIONS. MENTION GIVEN TO SUCH A SYSTEM UNDER
DEVELOPMENT AT PHILCO.

- 306 WEARING, ALEXANDER J., AND MONTAGUE, WILLIAM E. UNIVERSITY
OF ILLINOIS
THE EFFECT OF COMPLEXITY OF NATURAL LANGUAGE MEDIATORS AND
THE ASSOCIABILITY OF PAIRS ON PAIRED-ASSOCIATE LEARNING.=
COORDINATED SCIENCE LABORATORY REPORT R-333, JANUARY 1967
MONTAGUE, W. ILLINOIS
EXAMPLE OF RESEARCH WORKING WITH THE PLATO SYSTEM.
- 307 FEINGOLD, S.L. AND FRY, C.F. SYSTEM DEVELOPMENT CORPORATION
USERS GUIDE TO PLANIT. PROGRAMMING LANGUAGE FOR INTERACTIVE
TEACHING.=
SYSTEM DEVELOPMENT CORPORATION TECH MEMO TM-3055/CCO/C1,
OCTOBER 10, 1966
FEINGOLD, S. FRY, C. SDC
REVISED AND EXPANDED VERSION OF REFERENCE 146. GUIDE TO
THE USE OF THE AUTHOR LANGUAGE PLANIT.
- 308 LAGOWSKI, J.J. UNIVERSITY OF TEXAS, AND YOUNG, J.A. KINGS
COLLEGE
COMPUTER ASSISTED INSTRUCTION.=
IN MODERN TEACHING AIDS FOR COLLEGE CHEMISTRY, A PROJECT OF
THE TEACHING AIDS COMMITTEE OF THE ADVISORY COUNCIL ON
COLLEGE CHEMISTRY, DEPARTMENT OF CHEMISTRY, STANFORD
UNIVERSITY. SERIAL PUBLICATION NUMBER 18, DECEMBER 1966,
36-44
LAGOWSKI, J. YOUNG, J. TEXAS CHEMISTRY
STATE OF ART REPORT ON CAI AND HOW IT APPLIES TO COLLEGE
CHEMISTRY INSTRUCTION.
- 309 BUTLER, A.K. SYSTEM DEVELOPMENT CORPORATION
USERS GUIDE TO PLANIT, SUPPLEMENT 1, SAVING AND STORING
LESSONS.=
SDC TECH MEMO TM-3055/001/00, MARCH 17, 1967
BUTLER, A. SDC
SUPPLEMENT TO REFERENCE 307, DESCRIBING METHODS OF STOR-
ING AND TRANSFERRING LESSONS.
- 310 QUINN, E.M. IBM THOMAS J. WATSON RESEARCH CENTER
ONE WAY TO GET MORE ECONOMICAL CAI MATERIAL.=
IBM RESEARCH NOTE NC 535, SEPTEMBER 23, 1965
QUINN, E. IBM COURSEWRITER
DESCRIPTION OF METHOD OF USE OF CONTENT INDEPENDENT

COURSEWRITER PROGRAM TO REDUCE THE AUTHOR PREPARATION COSTS.

- 311 SMITH, K.C. UNIVERSITY OF ILLINOIS
A COMPUTER-CONTROLLABLE FILM TRANSPORT MECHANISM--A SECOND
GENERATION MODIFICATION OF U.S. INDUSTRIES MARK II
AUTOTUTOR.=
UNIVERSITY OF ILLINOIS, DIGITAL COMPUTER LABORATORY, FILE
N0.611, JULY 9, 1964
SMITH, K. ILLINOIS SOCRATES
DISCUSSES MECHANISM FOR IMPROVEMENT OF THE TEACHING
MACHINE LINKED TO THE SOCRATES SYSTEM.
- 312 QUINN, E.M. IBM THOMAS J. WATSON RESEARCH CENTER
A CAI READING PROGRAM -- PRELIMINARY FIELD TEST.=
IBM RESEARCH NOTE NC 576, JANUARY 21, 1966
QUINN, E. IBM
INDICATES EARLY RESULTS OF A CAI PROGRAM TO IMPROVE
READING. ONLY CLEAR RESULT IS THAT CAI MAY BE USEFUL FOR
THIS PURPOSE.
- 313 ADAMS, E.N. IBM INSTRUCTIONAL SYSTEMS DEVELOPMENT DEPARTMENT
WATSON RESEARCH CENTER
REFLECTIONS ON THE DESIGN OF A CAI OPERATING SYSTEM.=
IBM RESEARCH PAPER RC-1745, JANUARY 23, 1967
ADAMS, E. IBM 1400 1500 COURSEWRITER
LOOK AT THE REQUIREMENTS FOR FUTURE CAI SYSTEMS BASED ON
EXPERIENCE WITH THE IBM 1400 AND 1500 SYSTEMS USING
COURSEWRITER.
- 314 ADAMS, E.N. IBM WATSON RESEARCH CENTER
A PROPOSED COMPUTER CONTROLLED LANGUAGE LABORATORY.-
IBM RESEARCH PAPER RC-1558, MARCH 2, 1966
ADAMS, E. IBM LANGUAGE
DESCRIPTION OF A SYSTEM BY WHICH MUCH OF THE ROUTINE WORK
OF LANGUAGE INSTRUCTION WOULD BE COMPUTER DIRECTED.
- 315 ADAMS, E.N. IBM WATSON RESEARCH CENTER
ROLES OF THE ELECTRONIC COMPUTER IN UNIVERSITY INSTRUCTION.=
IBM RESEARCH PAPER RC-1530, OCTOBER 29, 1965
ADAMS, E. IBM
IMPRESSIONS OF THE WAYS CAI MIGHT BE USED IN THE
UNIVERSITY SITUATION. RECITATION AND DRILL, THE ERSATZ
LABORATORY, MONITORING STUDENT BEHAVIOR AND TESTING ARE
COVERED.
- 316 MARKOWITZ, HARRY M. RAND CORPORATION
SIMULATING WITH SIMSCRIPT.=
MANAGEMENT SCIENCE, VOL.12, NO.10, JUNE 1966, B-396-B-405
MARKOWITZ, H. RAND
BRIEF DESCRIPTION OF THE SIMSCRIPT LANGUAGE. THOUGH THIS
IS NOT PRIMARILY A CAI LANGUAGE, THE PAPER GIVES AN INTRO-
DUCTION TO SIMULATION PROBLEMS WHICH MAY BE USED WITH CAI.

- 317 THE COMPUTER AND EDUCATIONAL PROGRESS IN THE SCHOOL DISTRICT OF PHILADELPHIA.=
BRØØKS FOUNDATION, SANTA BARBARA, CALIFØRNIA
BRØØKS FOUNDATION
ØVERVIEW AND SUMMARY ØF STUDY INDICATING A NEED FØR A COØRDINATED COMPUTER SYSTEM WITHIN THE PHILADELPHIA SCHØØLS.
- 318 THE COMPUTER AS A TEACHER.=
COLLEGE MANAGEMENT, APRIL 1967, 41-45
FLØRIDA STATE HANSEN,D. KRØPP,R. IBM
A REVIEW ØF CAI IN GENERAL, WITH PARTICULAR REFERENCE TØ THE WØRK AT FLØRIDA STATE. INCLUDES AN INTERESTING DISCUSSION ØF PROBLEMS IN THE DEVELOPMENT ØF CAI.
- 319 GLASER, RØBERT UNIVERSITY ØF PITTSBURGH
TØWARD THE NEW PEDAGØGY.=
EDUCATIONAL TECHNOLOGY, A PUBLICATION ØF THE AERØSPACE EDUCATION FOUNDATION, SPRING 1967, 49-56
GLASER,R.
INDICATES EXPECTATIONS FØR THE FUTURE IN THE AREAS ØF INDIVIDUALIZATION ØF INSTRUCTION, COMPUTER-ASSISTED INSTRUCTION, AND PSYCHØLOGICALLY BASED INSTRUCTIONAL DESIGN.
- 320 HANSEN,D.N. AND DICK,W. FLØRIDA STATE UNIVERSITY
QUARTERLY PROGRESS REPORT.=
REPORT NØ.4, JANUARY 1,1967, COMPUTER-ASSISTED INSTRUCTION CENTER
HANSEN,D. DICK,W. FLØRIDA STATE INTERMEDIATE SCIENCE PHYSICS CHEMISTRY
REVIEW ØF WØRK FØR PERIOD OCTØBER 1 THROUGH DECEMBE 31, 1966. COLLEGE PHYSICS PROJECT, COLLEGE CHEMISTRY PROJECT, AND INTERMEDIATE SCIENCE CURRICULUM STUDY ARE DISCUSSED. ALSØ INCLUDES THE FLØRIDA STATE PROCEDURE FØR COURSE PREPARATION.
- GLASER,R., RAMAGE,W., LIPSØN,J. UNIVERSITY ØF PITTSBURGH
THE INTERFACE BETWEEN STUDENTS AND SUBJECT MATTER.=
LEARNING RESEARCH AND DEVELOPMENT CENTER, TECHNICAL REPORT 5 1964, REEDITED 1966
GLASER,R. RAMAGE,W. LIPSØN,J. PITTSBURGH INPUT ØUTPUT
DISCUSSION ØF THE REQUIREMENTS ØF INTERFACE BETWEEN PUPIL AND TEACHING SYSTEMS. MATERIALS THAT MIGHT WØRK IN SUCH A SITUATION ARE DISCUSSED.
- 322 SCHWARTZ, STEVEN H. UNIVERSITY ØF ILLINOIS
A PARADIGM FØR THE INVESTIGATION ØF ANTECEDENT PROCESSES IN CONCEPT ATTAINMENT.=
COØRDINATED SCIENCE LABORATORY REPORT R-321, SEPTEMBER 1966
SCHWARTZ,S. ILLINOIS PLATØ PSYCHØLOGY
EXAMPLE ØF PSYCHØLOGICAL RESEARCH WITH THE PLATØ SYSTEM.

- 323 BITZER, D.L. AND SLÖTTÖW, F.G. UNIVERSITY OF ILLINOIS
THE PLASMA DISPLAY PANEL - A DIGITALLY ADDRESSABLE DISPLAY
WITH INHERENT MEMORY. =
PROCEEDINGS--FALL JOINT COMPUTER CONFERENCE, 1966, 541-547
BITZER, D. SLÖTTÖW, H. ILLINOIS PLATO
DESCRIPTION OF DISPLAY SYSTEM UNDER DEVELOPMENT AT THE
COORDINATED SCIENCE LABORATORY FOR USE WITH THE PLATO
SYSTEM.
- 324 MELARAGNO, RALPH J. SYSTEM DEVELOPMENT CORPORATION
A STUDY OF TWO METHODS FOR ADAPTING SELF-INSTRUCTIONAL
MATERIAL TO INDIVIDUAL DIFFERENCES. =
SDC TECHNICAL MEMORANDUM TM-2932/000/01, JUNE 22, 1966
MELARAGNO, R. SDC CLASS
REPORTS EXPERIMENT USING THE CLASS SYSTEM IN WHICH A
BRANCHING PROGRAM IS SHOWN SUPERIOR TO A LINEAR PROGRAM IN
TERMS OF TIME AND AMOUNT LEARNED.
- 325 BOWEN, EZRA
THE COMPUTER AS A TUTOR. =
LIFE, JANUARY 27, 1967, 68-70, 72, 74-76, 78, 81
BOWEN, E. STANFORD SUPPES, P. ATKINSON, R. BRENTWOOD
FIRST GRADE
GENERAL REVIEW OF CAI WITH PARTICULAR REFERENCE TO WORK
AT THE BRENTWOOD SCHOOL.
- 326 IVERSON, WILLIAM J. STANFORD UNIVERSITY
THE AGE OF THE COMPUTER AND READING. =
YEARBOOK OF THE CLAREMONT CONFERENCE, CLAREMONT, CALIFORNIA,
FEBRUARY 1967
IVERSON, W. STANFORD
INDICATES NEEDS IN THE INSTRUCTION OF READING, AND WAYS
IN WHICH THE STANFORD PROJECT IS MEETING THESE NEEDS THROUGH
A CAI SYSTEM IN THE PRIMARY GRADES.
- 327 DEAR, R.E., SILBERMAN, H.F., ESTAVAN, D.P., AND ATKINSON, R.C.
SYSTEM DEVELOPMENT CORPORATION
FINAL REPORT, AN OPTIMAL STRATEGY FOR THE PRESENTATION OF
PAIRED-ASSOCIATE ITEMS. =
SYSTEM DEVELOPMENT CORPORATION TECHNICAL MEMORANDUM
TM-1535/101/00, MARCH 10, 1965
DEAR, R. SILBERMAN, H. ESTAVAN, D. ATKINSON, R. SDC CLASS
LEARNING THEORY EDUCATIONAL PSYCHOLOGY
A STUDY TO OPTIMALLY PRESENT MATERIAL USING SDC CLASS
SYSTEM. RESULTS DID NOT SUPPORT THE ASSUMED LEARNING
PROCESS.
- 328 AMD COURSEWRITER MANUAL. =
CAI CENTER, THE UNIVERSITY OF TEXAS, FEBRUARY 17, 1967
TEXAS IBM 1440
MANUAL FOR PREPARATION OF COURSES USING THE COURSEWRITER
LANGUAGE FOR THE IBM 1440 SYSTEM AT TEXAS.

- 329 COURSEWRITER STUDENT MANUAL.=
CAI CENTER, UNIVERSITY OF TEXAS
TEXAS IBM 1440
MANUAL INDICATING STUDENT CONTROLS AND OPTIONS FOR THE
1400 SYSTEM AT TEXAS.
- 330 COMPUTER-ASSISTED INSTRUCTION LABORATORY, NEW HORIZONS ON
EDUCATIONAL TECHNOLOGY.=
CAI CENTER, UNIVERSITY OF TEXAS
TEXAS IBM 1401 1440 1500 COURSEWRITER-I COURSEWRITER-II
BUNDERSOHN, C.
DESCRIPTION OF 1400 AND 1500 SYSTEMS, AND THE WORK THAT
IS TO BE DONE WITH THEM.
- 331 GENERAL PRINCIPLES OF DATA COMMUNICATIONS.=
CAI CENTER, THE UNIVERSITY OF TEXAS, JUNE 1, 1967
TEXAS MULLER, M.
DISCUSSION OF CURRENTLY AVAILABLE DATA COMMUNICATION
SYSTEMS WITH REFERENCE TO HOW THEY ARE APPLIED TO CAI.
- 332 HICKEY, ALBERT AND NEWTON, JOHN ENTELEK INCORPORATED
COMPUTER-ASSISTED INSTRUCTION. A SURVEY OF THE LITERATURE.=
NEWBURYPORT MASSACHUSETTS, JANUARY 1967, SECOND EDITION
HICKEY, A. NEWTON, J. ENTELEK STATE OF THE ART REPORT
REVIEW REFLECTS ADDITION OF 140 DOCUMENTS TO ENTELEK
FILES. LISTS CURRENT CAI PROGRAMS REVIEWED BY ENTELEK.
REVIEW IS REFERENCED BY THE ENTELEK CARD FILE NUMBERS.
- 333 ATKINSON, R.C., AND SUPPES, P. STANFORD UNIVERSITY
PROJECT FOR AN AUTOMATED PRIMARY-GRADE READING AND
ARITHMETIC CURRICULUM FOR CULTURALLY-DEPRIVED CHILDREN.=
INSTITUTE FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES,
PROGRESS REPORT NO. 5, JULY 1, 1966 TO DECEMBER 31, 1966,
JANUARY 1967
ATKINSON, R. SUPPES, P. IBM 1500/1800
DESCRIBES INSTALLATION OF IBM 1500/1800 SYSTEM AND INIT-
IAL EFFORTS IN ITS APPLICATION.
- 334 REYNOLDS, DONALD TEXAS CHRISTIAN UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION. RESEARCH WITH AND WITHIN
REAL ENVIRONMENTS.=
PAPER PRESENTED IN MAY 1967 AS PART OF THE SYMPOSIUM ON THE
USE OF COMPUTERS IN PSYCHOLOGICAL RESEARCH.
REYNOLDS, D. TEXAS CHRISTIAN EDUCATIONAL PSYCHOLOGY
OUTLINE OF THE POSSIBLE RESEARCH IN LEARNING AND TEACHING
THAT CAI HAS MADE POSSIBLE.
- 335 CARTER, LAUNDR F. SYSTEM DEVELOPMENT CORPORATION
COMPUTERS. THEIR IMPACT ON INSTRUCTION, ON EDUCATIONAL
PLANNING, AND ON THE CURRICULUM.=
SDC PAPER SP-1628, JUNE 1, 1964

CARTER, L. SDC

INDICATES THE AREAS OF INTEREST AND INVESTIGATION, AT SDC, IN THE USE OF COMPUTERS IN EDUCATION.

- 336 SILBERMAN, HARRY F. SYSTEM DEVELOPMENT CORPORATION
USING COMPUTERS IN EDUCATION. SOME PROBLEMS AND SOLUTIONS.=
SDC PAPER SP-2545/002/00, NOVEMBER 18, 1966
SILBERMAN, H. SDC PLANIT
DISCUSSION OF HOW ONE MIGHT WORK TOWARDS A COMPUTER-BASED
INSTRUCTIONAL SYSTEM WITH PARTICULAR REFERENCE TO WORK DONE
WITH PLANIT AT SDC.
- 337 FRYE, C.F. AND ROSENBAUM, J. SYSTEM DEVELOPMENT CORPORATION.=
STUDENT GUIDE TO STAT.=
SDC TECHNICAL MEMORANDUM TM-2910/000/00, MARCH 31, 1966
FRYE, C. ROSENBAUM, J. SDC STATISTICS
A PROGRAMMED INSTRUCTION INTRODUCTION TO THE STAT
PROGRAM, WHICH GIVES THE LABORATORY PORTION OF A COURSE IN
STATISTICS IN AN INTERACTIVE SITUATION.
- 338 COGSWELL, J.F., AND ESTAVAN, D.P. SYSTEM DEVELOPMENT
CORPORATION
EXPLORATIONS IN COMPUTER-ASSISTED COUNSELING.=
SDC TECHNICAL MEMORANDUM TM-2582/000/00, AUGUST 6, 1965
COGSWELL, J. ESTAVAN, D. SDC COUNSELING
DISCUSSION OF SYSTEM BY WHICH A COUNSELOR IS SIMULATED BY
COMPUTER. AN EXAMPLE OF A STUDENT INTERACTION WITH THE
SYSTEM IS GIVEN.
- 339 SILVERN, LEONARD C. EDUCATION AND TRAINING CONSULTANTS
PROGRAMMED INSTRUCTION AND COMPUTER-ASSISTED INSTRUCTION -
HOW THEY CAN BE USED EFFECTIVELY IN OUR TRAINING PROGRAM.=
PAPER PRESENTED AT NATIONAL AERONAUTIC MEETING AND THIRD
INTERNATIONAL AND TRAINING CONFERENCE, SOCIETY OF AUTOMOTIVE
ENGINEERS INC., APRIL 24-27, 1967
SILVERN, L. EDUCATION AND TRAINING CONSULTANTS LYRIC EYBOL
GE-265
REVIEW OF CAI WITH PARTICULAR REFERENCE TO ELEMENTS OF
EYBOL, A PROGRAM USED IN MISSILE TRAINING, WRITTEN IN FORTRAN
AND RUN FROM REMOTE TERMINALS CONNECTED TO THE GE-265
COMPUTER.
- 340 RIGNEY, J.W. UNIVERSITY OF SOUTHERN CALIFORNIA
TRAINING CORRECTIVE MAINTENANCE PERFORMANCE ON ELECTRONIC
EQUIPMENT WITH CAI TERMINALS. A FEASIBILITY STUDY.=
ELECTRONICS PERSONNEL RESEARCH GROUP, DEPARTMENT OF PSYCH-
OLOGY, TECHNICAL REPORT NO. 51, DECEMBER 1966
RIGNEY, J. SOUTHERN CALIFORNIA ELECTRONICS COURSEWRITER
STUDY OF TEACHING ELECTRONICS TROUBLE-SHOOTING GUIDED BY
CAI, WITH THE EQUIPMENT BEING STUDIED AVAILABLE TO THE
STUDENT, BUT OFF-LINE. COURSE MATERIAL CODED IN
COURSEWRITER

- 341 ATKINSON, RICHARD C. STANFORD UNIVERSITY, AND HANSEN,
CUNCAN N. FLORIDA STATE UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION IN INITIAL READING. THE
STANFORD PROJECT.=
READING RESEARCH QUARTERLY, VOL.II, NO.1, FALL 1966, 5-25
ATKINSON, R. HANSEN, D. STANFORD ELEMENTARY SCHOOL
DESCRIPTION OF THE READING PROGRAM WITH EXAMPLES OF THE
PROGRAMMING NEEDED TO UTILIZE THE FILM DISPLAY, AUDIO TAPE,
AND CRT.
- 342 SAMPLE READING LESSON. STANFORD CAI READING PROJECT.
STANFORD UNIVERSITY, INSTITUTE FOR MATHEMATICAL STUDIES IN
THE SOCIAL SCIENCES, FEBRUARY 23, 1966
STANFORD ELEMENTARY SCHOOL
ILLUSTRATES THE FORM OF PRESENTATION OF MATERIALS BY THE
CURRICULUM WRITERS FOR THE READING PROJECT.
- 343 IMPACT.=
HUMAN RESOURCES RESEARCH OFFICE (HUMRR0), THE GEORGE
WASHINGTON UNIVERSITY, UNDATED NEWS RELEASE
GEORGE WASHINGTON UNIVERSITY HUMAN RESOURCES RESEARCH OFFICE
HUMRR0 ARMY
OUTLINES PLANS FOR PROJECT IMPACT, A FIVE YEAR CAI PRO-
GRAM, SPONSORED BY THE ARMY. A UNIQUE FEATURE WILL BE A
DECISION STRUCTURE, WITHIN THE PROGRAM, BASED ONLY ON THE
STUDENTS PERFORMANCE.
- 344 PROJECT IMPACT, INSTRUCTIONAL MODEL PROTOTYPES ATTAINABLE IN
COMPUTERIZED TRAINING.=
HUMAN RESOURCES RESEARCH OFFICE (HUMRR0), THE GEORGE
WASHINGTON UNIVERSITY, DECEMBER 2, 1966
ARMY GEORGE WASHINGTON UNIVERSITY IBM 360 COBOL HUMRR0
HUMAN RESOURCES RESEARCH OFFICE
FURTHER REFERENCE TO PROJECT IN REFERENCE 343. AMONG
OBJECTIVES WILL BE A TRAINING COURSE IN COBOL AND A CAI
LANGUAGE. INITIAL EFFORTS WILL BE WITH IBM 360.
- 345 NEWTON, JOHN M. ENTELEK INC.
PROCEEDINGS OF THE FOURTH ONR CONFERENCE ON CAI.=
ENTELEK INC., NEWBURYPORT, MASSACHUSETTS
NEWTON, J. ENTELEK PENNSYLVANIA STATE
SUMMARY OF SELECTED SESSIONS OF THE APRIL 25-26, 1967
MEETING AT PENNSYLVANIA STATE UNIVERSITY. CAI IN TECHNICAL
EDUCATION, INTERFACES, CUEING AND FEEDBACK, AND COSTS ARE
AMONG TOPICS DISCUSSED.
- 346 SUPPES, P. HYMAN, L. AND JERMAN, M. STANFORD UNIVERSITY
LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY
PERFORMANCE IN ARITHMETIC.=
INSTITUTE FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES,
TECHNICAL REPORT NO.100, PSYCHOLOGY SERIES, JULY 29, 1966

- SUPPES, P. HYMAN, L. JERMAN, M. STANFORD LEARNING THEORY
ELEMENTARY SCHOOL MATHEMATICS DEC PDP-1
STUDY TO TEST A LEARNING THEORY OF ARITHMETIC, ON
ELEMENTARY SCHOOL CHILDREN, USING A CAI SYSTEM BASED ON THE
PDP-1 COMPUTER.
- 347 HINCKLEY, C.C., RODRIGUEZ, C.E., AND LAGOWSKI, J.J. UNIVERSITY
OF TEXAS
COMPUTER GRADED EXAMINATIONS.
DEPARTMENT OF CHEMISTRY, UNIVERSITY OF TEXAS
HINCKLEY, C. RODRIGUEZ, C. LAGOWSKI, J. TEXAS
DESCRIPTION OF A PROGRAM FOR GRADING WHICH ALLOWS VARIOUS
PATHWAYS OF STUDENT RESPONSE, AND CERTAIN ERROR ALLOWANCES
FOR NUMERIC RESPONSES.
- 348 SUPPES, PATRICK STANFORD UNIVERSITY
ACCELERATED PROGRAM IN ELEMENTARY SCHOOL MATHEMATICS - THE
SECOND YEAR.
PSYCHOLOGY IN THE SCHOOLS, VOL. III, NO. 4, 294-307, OCTOBER
1966, 294-307
SUPPES, P. STANFORD
REPORT ON TEACHING MATHEMATICS TO A GROUP OF BRIGHT
SECOND GRADERS. PART OF THE STUDY WAS CONDUCTED ON THE
STANFORD CAI SYSTEM. SEE ALSO REFERENCE 109,
- 349 SUPPES, PATRICK AND IHRKE, CONSTANCE STANFORD UNIVERSITY
ACCELERATED PROGRAM IN ELEMENTARY SCHOOL MATHEMATICS - THE
THIRD YEAR.
INSTITUTE FOR MATHEMATICAL STUDIES IN THE SOCIAL SCIENCES,
PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 108, JANUARY 30, 1967
SUPPES, P. IHRKE, C. STANFORD
REPORT ON TEACHING MATHEMATICS TO A GROUP OF BRIGHT THIRD
GRADERS. SOME REMEDIAL WORK IN THE PROGRAM WAS CONDUCTED ON
THE STANFORD CAI SYSTEM.
- 350 ENGVOLD, K.J. AND HUGHES, J.L. INTERNATIONAL BUSINESS
MACHINES
A MODEL FOR A MULTIFUNCTIONAL TEACHING SYSTEM.
COMMUNICATIONS OF THE ACM, VOL. 10, NO. 6, JUNE 1967, 339-342
ENGVOLD, K. HUGHES, J. IBM 7044 GRAPHIC SYSTEM
DESCRIBES THE TEACHING SYSTEM ABAC-11 FOR THE IBM 7044.
THE STUDENT IS ALLOWED TO MOVE FROM STUDENT MODE TO
PROGRAMMER MODE, THUS BEING ABLE TO UTILIZE THE CALCULATION
CAPABILITY OF THE SYSTEM.
- 351 CARTER, L.F. SYSTEM DEVELOPMENT CORPORATION
AUTOMATED INSTRUCTION.
AMERICAN PSYCHOLOGIST, VOL. 16, 1961, 705-710
CARTER, L. SDC CLASS PHILCO S2000
SUMMARY OF EARLY WORK AT SDC WITH CAI.
- 352 RCA COMPUTER-BASED INSTRUCTIONAL SYSTEMS.

RCA INSTRUCTIONAL SYSTEMS, PALO ALTO, CALIFORNIA
SYSTEM SUMMARY
SHORT PUBLICITY CIRCULAR DESCRIBING THE RCA CAI SYSTEM.

- 353 GOODMAN, EDITH HARWITH
AUTOMATED EDUCATION HANDBOOK.=
AUTOMATED EDUCATION CENTER, BOX 2658, DETROIT, MICHIGAN
GOODMAN, E.
GENERAL REFERENCE FOR ALL AREAS OF EDUCATIONAL TECHNOLOGY
THE HANDBOOK, WITH ITS UPDATINGS, AND THE AUTOMATED
EDUCATION LETTER, SERVES AS AN EXCELLENT MEANS OF KEEPING
CURRENT ON THE SEVERAL AREAS OF AUTOMATED INSTRUCTION.
- 354 GOLDBERG, A.L., TENDOW, M., AND BUSHNELL, D.D.
THE COMPUTER IN EDUCATION - SOME EXAMPLES.=
PROCEEDINGS OF THE IEEE, VOL.54, NO.12, DECEMBER 1966,
1656-1662
GOLDBERG, A. TENDOW, M. BUSHNELL, D.
BRIEF ARTICLE LOOKING AT LARGE SCALE COMPUTER NETWORKS,
BOTH CURRENT AND IN THE FUTURE, AND HOW THESE CAN BE APPLIED
TO EDUCATIONAL PROBLEMS.
- 355 RCA INSTRUCTIONAL 70 SYSTEM.=
RCA INSTRUCTIONAL SYSTEMS, RADIO CORPORATION OF AMERICA,
PALO ALTO, CALIFORNIA
RCA SPECTRA 70/45
DESCRIPTION OF THE HARDWARE OF THE RCA INSTRUCTIONAL
SYSTEM. THE SYSTEM, BASED ON THE RCA SPECTRA 70/45 COMPUTER
CAN HANDLE UP TO 200 STUDENT STATIONS.
- 356 BOARD OF EDUCATION OF THE CITY OF NEW YORK, NEWS RELEASE.=
NEWS BUREAU, OFFICE OF EDUCATION INFORMATION SERVICES AND
PUBLIC RELATIONS, JUNE 21, 1967
RCA ELEMENTARY SCHOOL ARITHMETIC SPELLING READING
OUTLINE OF PLANS FOR INSTILLATION OF AN RCA INSTRUCTIONAL
SYSTEM FOR DRILL AND PRACTICE IN ELEMENTARY SCHOOL ARITH-
METIC, SPELLING, AND READING.
- 357 GERARD, R.W. UNIVERSITY OF CALIFORNIA, IRVINE
INTELLIGENCE, INFORMATION, AND EDUCATION.=
SCIENCE, VOL.148, MAY 7, 1965, 762-765
GERARD, R. IRVINE
CONSIDERATIONS OF METHOD BY WHICH EDUCATION CAN BE IMPRO-
VED BY USE OF COMPUTER-BASED SYSTEMS, WITH PARTICULAR
REFERENCE TO THE PRESENT WORK AT IRVINE IN THIS AREA.
- 358 HOFFMAN, THOMAS R. UNIVERSITY OF MINNESOTA
PROGRAMMED HEURISTICS AND THE CONCEPT OF PAR IN BUSINESS
GAMES.=
BEHAVIORAL SCIENCE, VOL.10, 1965, 169-172
HOFFMAN, T. SIMULATION
DISCUSSION OF A BUSINESS GAME AS A TEACHING TOOL WITH

INDICATIONS OF METHODS OF APPLYING MINIMUM STANDARDS THAT THE STUDENTS MUST ALWAYS PASS.

- 359 MESSICK, DAVID M., AND RAPPOPORT, AMNON UNIVERSITY OF NORTH CAROLINA
COMPUTER-CONTROLLED EXPERIMENTS IN PSYCHOLOGY.=
BEHAVIORAL SCIENCE, VOL. 9, NO. 4, OCTOBER 1964, 378-382
MESSICK, D. RAPPOPORT, A. LGP-30
DISCUSSION OF TWO PROGRAMS ON THE LGP-30 COMPUTER TO INTERACTIVELY CONDUCT PSYCHOLOGICAL EXPERIMENTS
- 360 SWETS, JOHN A., HARRIS, JUDITH R., MCELROY, LINDA S.,
RUDLOE, HARRY BOLT BERANEK AND NEWMAN
COMPUTER-AIDED INSTRUCTION IN PERCEPTUAL IDENTIFICATION.=
BEHAVIORAL SCIENCE, VOL. 11, 1966, 98-104
SWETS, J. HARRIS, J. MCELROY, L. RUDLOE, H. POP-18 DEC
BOLT BERANEK AND NEWMAN
DISCUSSION OF PROGRAM TO PRESENT NONVERBAL SOUNDS BY COMPUTER, THEN TEST FOR STUDENT RECOGNITION. THIS METHOD IS THEN COMPARED WITH MORE CLASSICAL METHODS.
- 361 UTTAL, W.R., DICKINSON, C.A., HOM, C., PHILLIPS, M.L.,
BERNARD, F.H., SELFRIDGE, L.D., AND COOK, L. IBM THOMAS J.
WATSON RESEARCH CENTER
A MODULAR, FULLY BUFFERED MULTIPLEXER SYSTEM FOR REAL-TIME MAN-MACHINE APPLICATIONS.=
IBM RESEARCH REPORT RC-885, DECEMBER 1962
UTTAL, W. DICKINSON, C. HOM, C. PHILLIPS, M. BERNARD, F. COOK, L.
DISCUSSION OF DEVICE TO MAKE MORE MEANINGFUL INPUT/OUTPUT AVAILABLE IN INTERACTIVE SYSTEMS.
- 362 COGSWELL, J.F., BRATTEN, J.E., EGBERT, R.E., ESTAVAN, D.P.,
MARSH, D.G., AND YETT, F.A. SYSTEM DEVELOPMENT CORP.
FINAL REPORT, ANALYSIS OF INSTRUCTIONAL SYSTEMS, REPORT OF A PROJECT, NEW SOLUTIONS TO IMPLEMENTING INSTRUCTIONAL MEDIA THROUGH ANALYSIS AND SIMULATION OF SCHOOL ORGANIZATION.=
SDC TECHNICAL MEMORANDUM TM-1493/201/00, APRIL 19, 1966
COGSWELL, J. BRATTEN, J. EGBERT, R. ESTAVAN, D. MARSH, D. YETT, F.
SDC COUNSELING
FINAL REPORT OF STUDY OF THE APPLICATIONS OF SYSTEM ANALYSIS AND SIMULATION IN STUDYING INNOVATIONS IN SCHOOLS. AMONG RECOMMENDATIONS OF THE STUDY ARE FURTHER DEVELOPMENT OF COMPUTER BASED INSTRUCTION AND COMPUTER BASED COUNSELING SYSTEMS TO FURTHER TAKE INTO ACCOUNT INDIVIDUAL DIFFERENCES OF STUDENTS.
- 363 PASK, GORDON SYSTEM RESEARCH LTD.
ELECTRONIC KEYBOARD TEACHING MACHINES.=
EDUCATION AND COMMERCE, THE JOURNAL OF THE NATIONAL ASSOCIATION FOR EDUCATION FOR COMMERCE, JULY 1958
PASK, G.
DISCUSSION OF A NON-CAI SYSTEM, HOWEVER THE PRESENTATION

OF PROBLEMS AND ADVANTAGES OF A MAN-MACHINE SYSTEM HAS
DEFINITE MEANING TO SOMEONE INTERESTED IN CAI.

- 364 ZINN, K. UNIVERSITY OF MICHIGAN
TEACHING LOGICS, TUTORIAL STRATEGIES AND TRAINING PATTERNS
IN A COMPUTERIZED EDUCATIONAL TECHNOLOGY.=
CENTER FOR RESEARCH ON LEARNING AND TEACHING DRAFT 5/22/66
ZINN, K. MICHIGAN IBM SOC ILLINOIS COURSEWRITER SOCRATES
PLATO
REVIEW OF LOGIC AND STRUCTURE OF EXISTING CAI LANGUAGES,
AND A PROJECTION OF FUTURE DEVELOPMENTS IN THIS AREA.
- 365 CARTER, LUTHER J.
TECHNOLOGY IN THE SCHOOLS, EDUCATORS ARE UNEASY.=
SCIENCE, VOL. 153, SEPTEMBER 30, 1966, 1624-1626
CARTER, L. STANDARDIZATION OF EDUCATION
VOICES CONCERN OF EDUCATORS THAT GOVERNMENT AND INDUSTRY
WILL CONTROL THE CURRICULUMS, WITH DEVELOPMENT OF AUTOMATED
INSTRUCTION SYSTEMS.
- 366 STONE, P.J., BALES, R.F., NAMENWIRTH, J.Z., AND OGILVIE, D.M.
HARVARD UNIVERSITY
THE GENERAL INQUIRER. A COMPUTER SYSTEM FOR CONTENT
ANALYSIS AND RETRIEVAL BASED ON THE SENTENCE AS A UNIT OF
INFORMATION.=
BEHAVIORAL SCIENCE, VOL. 4, 1962, 484-498
STONE, P. BALES, R. NAMENWIRTH, J. OGILVIE, D. WORD RECOGNITION
INFORMATION RETRIEVAL
THOUGH NOT PRIMARILY CONCERNED WITH CAI, THIS PAPER IS
QUITE INTERESTING FROM THE STANDPOINT OF NON-NUMERIC DATA
RECOGNITION AND ANALYSIS THAT WOULD BE OF GREAT VALUE IN A
CAI SYSTEM.
- 367 DUNPHY, D.C., STONE, P.J., AND SMITH, M.S. HARVARD UNIVERSITY
THE GENERAL INQUIRER. FURTHER DEVELOPMENTS IN A COMPUTER
SYSTEM FOR CONTENT ANALYSIS OF VERBAL DATA IN THE SOCIAL
SCIENCES.=
BEHAVIORAL SCIENCE, VOL. 10, 1965, 463-480
DUNPHY, D. STONE, P. SMITH, M. WORD RECOGNITION
INFORMATION RETRIEVAL
UPDATING OF REFERENCE 366, REFLECTING THREE MORE YEARS
WORK ON THE SYSTEM.
- 368 BUSHNELL, DON C.
EDUCATION. FUTURE COMPUTER APPLICATIONS.=
DATA PROCESSING YEARBOOK, 1965, GOODMAN, E.H. (ED.), AMERICAN
DATA PROCESSING INC., 1964, 207-212
BUSHNELL, D. OVERVIEW SIMULATION
OVERVIEW OF THE VARIOUS APPLICATIONS OF COMPUTERS TO
EDUCATION.
- 369 GILMAN, DAVID ALAN, AND FARVILCHUCK, NANCY ANN PENNSYLVANIA

- STATE UNIVERSITY
A COURSEWRITER GUIDE FOR TEACHER-AUTHORS OF MATERIALS FOR
COMPUTER-ASSISTED INSTRUCTION.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, COLLEGE OF
EDUCATION, THE PENNSYLVANIA STATE UNIVERSITY, MAY 1967
GILMAN, C. HARVILCHUCK, N. PENNSYLVANIA STATE IBM 1410
COURSEWRITER
MANUAL FOR INSTRUCTION ON THE PENN-STATE IBM-1410 CAI
SYSTEM, USING THE COURSEWRITER LANGUAGE.
- 370 WOOTKE, KENNETH H. PENNSYLVANIA STATE UNIVERSITY
EDUCATIONAL REQUIREMENTS FOR A STUDENT-SUBJECT MATTER
INTERFACE.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, COLLEGE OF
EDUCATION, THE PENNSYLVANIA STATE UNIVERSITY, MARCH 1967
WOOTKE, K. PENNSYLVANIA STATE INPUT OUTPUT
DISCUSSION OF THE VARIOUS REQUIREMENTS OF INPUT-OUTPUT,
AND OTHER SUPPLEMENTARY DEVICES TO MAXIMIZE EFFECTIVENESS OF
COURSE PRESENTATION.
- 371 LUSTED, LEE B. UNIVERSITY OF OREGON MEDICAL SCHOOL
COMPUTER TECHNIQUES IN MEDICAL DIAGNOSIS.=
FROM COMPUTERS IN BIOMEDICAL RESEARCH, VOL.1, STACY, R.W. AND
WAXMAN, B.D. (ED.), ACADEMIC PRESS 1965, 319-338
LUSTED, L. IBM 1410
DISCUSSES USES OF COMPUTER TO AID IN, TO TEACH, AND TO
STUDY THE PROCESS OF MEDICAL DIAGNOSIS. THE TEACHING PRO-
GRAM WAS RUN ON AN IBM 1410 COMPUTER, AND AN EXAMPLE OF A
STUDENT RUN IS INCLUDED.
- 372 MILLER, GEORGE A., BREGMAN, ALBERT S., AND NORMAN, DONALD A.
HARVARD UNIVERSITY
THE COMPUTER AS A GENERAL PURPOSE DEVICE FOR THE CONTROL OF
PSYCHOLOGICAL EXPERIMENTS.=
FROM COMPUTERS IN BIOMEDICAL RESEARCH, VOL.1, STACY, R.W.,
AND WAXMAN, B.D. (ED.), ACADEMIC PRESS 1965, 467-490
MILLER, G. BREGMAN, A. NORMAN, D.
A GENERAL LOOK AT APPLICATIONS, ADVANTAGES, AND PROBLEMS
OF COMPUTER DIRECTED AND/OR CONTROLLED EXPERIMENTS IN
PSYCHOLOGY.
- 373 COLBY, KENNETH MARK STANFORD UNIVERSITY
COMPUTER SIMULATION OF NEUROTIC PROCESSES.=
FROM COMPUTERS IN BIOMEDICAL RESEARCH, VOL.1, STACY, R.W.,
AND WAXMAN, B.D. (ED.), ACADEMIC PRESS, 1965, 491-503
COLBY, K. PSYCHIATRY
DISCUSSION OF PROGRAM TO SIMULATE NEUROTIC PATIENT WITH
INDICATIONS OF HOW THIS COULD BE USED AS A DEVICE IN THE
TRAINING OF PSYCHIATRISTS.
- 374 ROE, ARNOLD UNIVERSITY OF CALIFORNIA, LOS ANGELES
AN ADAPTIVE DECISION STRUCTURE FOR EDUCATIONAL SYSTEMS.=

UNIVERSITY OF CALIFORNIA, LOS ANGELES, DEPARTMENT OF
ENGINEERING, REPORT NO. 63-63, DECEMBER 1963
ROE, A.

AN ADAPTIVE DECISION STRUCTURE FOR AN EDUCATIONAL SYSTEM
IS SPECIFIED. INCLUDED IN THE STRUCTURE IS A SYSTEM FOR
EVALUATION OF THE RESULTS OF USING THE STRUCTURE.

- 375 EICHELBERGER, W.H. UNIVERSITY OF DENVER.
TEACHER/DU.=
COMPUTING CENTER, UNIVERSITY OF DENVER, JULY 6, 1967
EICHELBERGER, W. DENVER BURRUGHS B-5500
DESCRIPTION OF A COURSEWRITER LIKE AUTHOR LANGUAGE,
DEVELOPED AT THE UNIVERSITY OF DENVER, FOR THE BURRUGHS
B-5500 COMPUTER.
- 376 EICHELBERGER, W.H. UNIVERSITY OF DENVER
TEACH.=
COMPUTING CENTER, UNIVERSITY OF DENVER, JULY 7, 1967
EICHELBERGER, W. TEACHER/DU DENVER BURRUGHS B-5500
DESCRIBES CONTENT OF SYSTEM TAPE TEACH, AVAILABLE THROUGH
THE UNIVERSITY DENVER, WHICH ALLOWS CAI WORK ON THE
BURRUGHS B-5500. ALSO, SEE REFERENCE 375.
- 377 ANDERSON, RICHARD C. UNIVERSITY OF ILLINOIS
EDUCATIONAL PSYCHOLOGY.=
ANNUAL REVIEW OF PSYCHOLOGY, VOL.18, 1967, 129-164
ANDERSON, R. STATE OF ART REPORT
STATE OF THE ART REPORT ON WORK TO ESTABLISH OPTIMUM
METHODS OF PRESENTATION IN PROGRAMMED INSTRUCTION. INCLUDED
IS AN EXTENSIVE BIBLIOGRAPHY REFERENCING THE PAPER.
- 378 ANDERSON, RICHARD C. UNIVERSITY OF ILLINOIS
SEQUENCE CONSTRAINTS AND CONCEPT IDENTIFICATION.=
PSYCHOLOGICAL REPORTS, VOL.19, 1966, 1295-1302
ANDERSON, R. ILLINOIS EDUCATIONAL PSYCHOLOGY SOCRATES
EXAMPLE OF AN EXPERIMENT IN EDUCATIONAL PSYCHOLOGY,
CONDUCTED ON THE SOCRATES SYSTEM, AT THE TRAINING RESEARCH
LABORATORY OF THE UNIVERSITY OF ILLINOIS.
- 379 PHILADELPHIA PUBLIC SCHOOLS
COMPUTER-ASSISTED INSTRUCTION.=
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.19, NO.1, JANUARY 1967,
19-20
PHILADELPHIA SCHOOLS IBM CHARP, S.
OUTLINE OF PROGRAM TO INTRODUCE CAI INTO PHILADELPHIA
PUBLIC SCHOOLS. MRS. SYLVIA CHARP IS PROGRAM DIRECTOR.
- 380 STATE UNIVERSITY OF NEW YORK AT BUFFALO
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.18, NO.4, OCTOBER 1966,

6,7

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- 381 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS,
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.18, NO.3, JULY 1966,
26-33
ILLINOIS PLASMA DISCHARGE DISPLAY
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DISCUSSION OF PLASMA DISCHARGE DISPLAY TUBE WHICH IS BEING
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COVERED.
- 382 CENTRE DE CALCUL ET DE TRAITEMENT DE L'INFORMATION,
UNIVERSITE DE LIEGE, LIEGE, FRANCE
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.17, NO.4, OCTOBER 1965,
24
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- 383 UNIVERSITY OF ILLINOIS
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DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.14, NO.3, JULY 1962,
51-52
ILLINOIS
ACCOUNT OF EARLY WORK ON THE PLATO SYSTEM. A COURSE
SEGMENT IN PROGRAMMING THE IBM 650 IS DISCUSSED.
- 384 UNIVERSITY OF MISSOURI, COLUMBIA
COMPUTER FOR MEDICAL RESEARCH AND DIAGNOSIS.
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.16, NO.3, JULY 1964, 2
MISSOURI IBM 1410
DESCRIPTION OF PLANS OF THE MEDICAL CENTER TO USE AN IBM
1410 COMPUTER TO STUDY ITS APPLICATIONS IN THE TEACHING AND
PRACTICE OF MEDICINE.
- 385 THE RANC CORPORATION
JOSS. AN EXPERIMENTAL, ON-LINE, TIME-SHARED COMPUTING
SYSTEM.
DIGITAL COMPUTER NEWSLETTER, OFFICE OF NAVAL RESEARCH,
MATHEMATICAL SCIENCES DIVISION, VOL.16, NO.4, OCTOBER 1964,
45-47

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- 386 COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS,
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MATHEMATICAL SCIENCES DIVISION, VOL.16, NO.4, OCTOBER 1964,
41-43
ILLINOIS
QUARTERLY PROGRESS REPORT ON THE PLATO SYSTEM. THE PLATO
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- 387 GRAHAM, J.WESLEY, UNIVERSITY OF WATERLOO
COMPUTERS, A REVOLUTION IN SECONDARY EDUCATION.=
COMPUTERS AND AUTOMATION, MARCH 1967, 23,24,56
GRAHAM, J.
A LOOK AT HOW CAI CAN BE APPLIED IN THE SCHOOLS.
CONCLUDES THAT IMPLEMENTATION IS NOT NOW POSSIBLE, BUT THAT
THE FIELD MUST BE UNDER CONSTANT STUDY.
- 388 GOODMAN, LOUIS S. THE TELEREGISTER CORPORATION
COMPUTER-BASED INSTRUCTION, TODAY AND TOMORROW.=
DATA PROCESSING FOR EDUCATION, VOL.3, APRIL 1964, 2-5
GOODMAN, L. TELEREGISTER UNITED AIRLINES
BRIEF DESCRIPTION OF PROGRAM AT UNITED AIRLINES TO
INSTRUCT IN TICKET PREPARATIONS.
- 389 SILBERMAN, HARRY F. SYSTEM DEVELOPMENT CORPORATION
A COMPUTER-CONTROLLED TEACHING MACHINE.=
BEHAVIORAL SCIENCE, VOL.6, 1961, 259-261
SILBERMAN, H. SDC BENDIX G-15
SHORT ARTICLE DESCRIBING THE FIRST SDC CAI PROJECT.
QUITE INTERESTING AS HISTORICAL BACKGROUND.
- 390 COULSON, JOHN E. (ED.) SYSTEM DEVELOPMENT CORPORATION
PROGRAMMED LEARNING AND COMPUTER-BASED INSTRUCTION.=
PROCEEDINGS OF THE CONFERENCE ON APPLICATION OF DIGITAL
COMPUTERS TO AUTOMATED INSTRUCTION.=
JOHN WILEY AND SONS, INC., NEW YORK, 1962
CARTER, L. SILBERMAN, H. DEAR, R. ATKINSON, R. HOLLAND, J.
CROWDER, N. GLASER, R. BRIGGS, L. GOLDBECK, R. CAMPBELL, V.
NICHOLS, D. KEISLER, E. MCNEIL, J. ROE, A. COOK, D. SANDERS, J.
LUMSDAINE, A. RIGNEY, J. UTTAL, W. BITZER, C. BRAUNFELD, P.
LICHTENBERGER, W. LICKLIDER, J. CHAPMAN, R. CARPENTER, J.
HUSKEY, H. TEAGER, H. ESTRIN, G. SDC ENR PLATO ILLINOIS
PROCEEDINGS OF FIRST ENR SPONSORED CONFERENCE ON CAI,
OCTOBER 10-12, 1961. THIS MEETING BROUGHT TOGETHER THOSE
DIRECTLY INVOLVED IN CAI TO DISCUSS COMMON PROBLEMS. EXCELL-

ENT INTRODUCTION TO EARLY WORK IN THE FIELD.

- 391 ENTWISLE, GEORGE, AND ENTWISLE, DORIS
THE USE OF A DIGITAL COMPUTER AS A TEACHING MACHINE.=
THE JOURNAL OF MEDICAL EDUCATION, VOL.38, NO.10, OCTOBER
1963, 803-812
ENTWISLE, G. ENTWISLE, D. MEDICINE ROYAL MCBEE LGP-30
DESCRIBES A PROGRAM FOR THE ROYAL MCBEE LGP-30 COMPUTER
IN WHICH MEDICAL STUDENTS DIAGNOSIS A SIMULATED PATIENT
CONSTRUCTED BY THE SYSTEM.
- 392 ENGVOLD, K.J., AND HUGHES, J.L. INTERNATIONAL BUSINESS
MACHINES
TEACHING HANDS-ON PROGRAMMING AT A DISPLAY TERMINAL. THE
ABAC-11 SYSTEM.=
IBM TECHNICAL REPORT TR 00.1469, JUNE 3, 1966
ENGVOLO, K. HUGHES, J. IBM 7044 GRAPHIC SYSTEM
DESCRIBES TEACHING SYSTEM FOR IBM 7044 GRAPHIC SYSTEM IN
WHICH BOTH AUTHOR AND STUDENT MAY ENTER A PROGRAMMING MODE.
SYSTEM UTILIZES CATHODE RAY DISPLAYS, SEE ALSO REFERENCE
350.
- 393 SILBERMAN, HARRY F., AND COULSON, JOHN E. SYSTEM DEVELOP-
MENT CORPORATION
AUTOMATED TEACHING.=
IN BORKO, HAROLD (ED.), COMPUTER APPLICATIONS IN THE BEHAV-
IORAL SCIENCES, SYSTEM DEVELOPMENT CORPORATION, SANTA MONICA
CALIFORNIA, 1962, 308-335
SILBERMAN, H. COULSON, J. SDC PHILCO 2000 BENDIX G-15 CLASS
REPORTS THEN CURRENT CAI WORK. OUTLINES TEACHING SYSTEM
ON THE BENDIX G-15 COMPUTER, AND INDICATE THE DIRECTION SDC
WORK ON AUTOMATED INSTRUCTION WILL TAKE.
- 394 STRUP, ROBERT C., AND WARD, JOHN R. NAVAL POSTGRADUATE
SCHOOL
SOME COMMENTS ON COMPUTER-ASSISTED INSTRUCTION IN
ENGINEERING EDUCATION.=
IEEE TRANSACTIONS ON EDUCATION, VOL.E-10, NO.1, MARCH 1967,
1-3
STRUP, P. WARD, J. COURSEWRITER CRITIQUE
REPORTS STUDY AT NAVAL POSTGRADUATE SCHOOL WHICH SHOWED
CAI TO NOT BE OF MUCH ASSISTANCE IN ENGINEERING EDUCATION.
- 395 WEIZENBAUM, JOSEPH MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ELIZA-A COMPUTER PROGRAM FOR THE STUDY OF NATURAL LANGUAGE
COMMUNICATION BETWEEN MAN AND MACHINE.=
COMMUNICATIONS OF THE ACM, VOL.9, NO.1, JANUARY 1966, 36-45
WEIZENBAUM, J. MIT MAC
DESCRIPTION OF A SYSTEM IN WHICH A DIALOGUE IS CARRIED
ON BETWEEN A PERSON AND COMPUTER.
- 396 RATH, GUSTAVE J. NORTHWESTERN UNIVERSITY

THE DEVELOPMENT OF COMPUTER-ASSISTED INSTRUCTION.=
IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
NO.2, JUNE 1967, 60-63

RATH, G. IBM DECISION SCIENCES LABORATORY ILLINOIS SOC
BOLT BERANEK AND NEWMAN

TRACES EARLY (1958-1961) DEVELOPMENT OF CAI AT IBM,
SOC, UNIVERSITY OF ILLINOIS, DECISION SCIENCES LABORATORY OF
HANSCOM AIR FORCE BASE, AND BOLT BERANEK AND NEWMAN.

- 397 BITZER, DONALD L., HICKS, BRUCE L., JOHNSON, ROGER L., AND
LYMAN, ELISABETH R. UNIVERSITY OF ILLINOIS
THE PLATO SYSTEM. CURRENT RESEARCH AND DEVELOPMENT.=
IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
NO.2, JUNE 1967, 64-70

BITZER, D. HICKS, B. JOHNSON, R. LYMAN, E. ILLINOIS
OUTLINES DEVELOPMENT OF PLATO, ITS PRESENT ROLE IN
UNIVERSITY INSTRUCTION, ITS LOGICS, AND AREAS FOR FUTURE
WORK WITH THE SYSTEM.

- 398 MAYER, SYLVIA R. ELECTRONIC SYSTEMS DIVISION, HANSCOM FIELD
COMPUTER-BASED SUBSYSTEMS FOR TRAINING THE USERS OF COMPUTER
SYSTEMS.=
IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
NO.2, JUNE 1967, 70-75

MAYER, S. AIR FORCE ON LINE TRAINING
OUTLINE AN INSTRUCTIONAL SYSTEM BUILT INTO THE GENERAL
SYSTEM WHOSE OPERATION MUST BE TAUGHT.

- 399 LEONARD, JIMMER M. THE JOHNS HOPKINS UNIVERSITY, AND
WING, RICHARD L. BOARD OF COOPERATIVE EDUCATIONAL
SERVICES, NO.1, WESTCHESTER COUNTY, NEW YORK
ADVANTAGES OF USING A COMPUTER IN SOME KINDS OF EDUCATIONAL
GAMES.=
IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
NO.2, JUNE 1967, 75-81

LEONARD, J. WING, R. BOCES ECONOMICS IBM 7090
DESCRIPTION OF STRUCTURE OF GAMES TO TEACH SIXTH GRADE
STUDENTS CONCEPTS OF ECONOMICS. INDICATES THE NEED OF A
COMPUTER (THE IBM 7090), TO PRODUCE A GAME STRUCTURE DEEP
ENOUGH TO SUCCESSFULLY TEACH.

- 400 UHR, LEONARD, UNIVERSITY OF WISCONSIN
TOWARD THE COMPILATION OF BOOKS INTO TEACHING MACHINE
PROGRAMS.=
IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
NO.2, JUNE 1967, 81-84

UHR, L. WISCONSIN SNØBØL IBM 7090
DESCRIBES PROGRAM WRITTEN IN SNØBØL FOR THE IBM 7090 THAT
CONVERTS TEXTS TO CAI PROGRAMS.

- 401 SILVERN, GLORIA M., AND SILVERN, LEONARD C. EDUCATION AND
TRAINING CONSULTANTS

A GRADUATE LEVEL UNIVERSITY COURSE IN METHODS OF COMPUTER-
 ASSISTED INSTRUCTION.=
 IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
 NO.2, JUNE 1967, 94-102
 SILVERN,G. SILVERN,L. EDUCATION AND TRAINING CONSULTANTS
 DESCRIPTION OF COURSE OFFERED BY THE AUTHORS, THROUGH THE
 BUSINESS ADMINISTRATION DEPARTMENT, UNIVERSITY OF CALIFORNIA
 EXTENSION, LOS ANGELES. THE COURSE TAUGHT, THROUGH HANDS-ON
 EXPERIENCE, CAI SYSTEMS.

- 402 FEURZEIG, WALLACE BOLT BERANEK AND NEWMAN
 NEW INSTRUCTIONAL POTENTIALS OF INFORMATION TECHNOLOGY.=
 IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
 NO.2, JUNE 1967, 84-88
 FEURZEIG,W. BOLT BERANEK AND NEWMAN TELCOMP
 CONSIDERS THE USE OF COMPUTERS TO INSTRUCT, FROM THE
 STANDPOINT OF PRESENTATION OF PREPROGRAMMED MATERIAL, AND
 FROM THE STANDPOINT OF PREPARATION OF ALGORITHMS BY MEANS OF
 THE TELCOMP LANGUAGE.
- 403 COMPLTERS FIND SCHOOL IS TOUGH.=
 BUSINESS WEEK, JULY 1,1967, 106-108
 SURVEY
 BRIEF SURVEY OF CURRENT STATUS OF CAI IN THE SCHOOLS, AND
 THOSE COMPANIES INVOLVED IN SUPPLYING CAI EQUIPMENT.
- 404 BOBRZEW, DANIEL G. BOLT BERANEK AND NEWMAN
 PROBLEMS IN NATURAL LANGUAGE COMMUNICATION WITH COMPUTERS.=
 IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
 NO.1, MARCH 1967, 52-55
 BOBRZEW,C. BOLT BERANEK AND NEWMAN
 DESCRIPTION OF WORK ON A QUESTION-ANSWER COMPUTER SYSTEM
 USING NATURAL LANGUAGE.
- 405 PASK, GORDON SYSTEM RESEARCH LTD.
 THE CONTROL OF LEARNING IN SMALL SUBSYSTEMS OF A PROGRAMMED
 EDUCATIONAL SYSTEM.=
 IEEE TRANSACTIONS ON HUMAN FACTORS IN ELECTRONICS, VOL.HFE-8
 NO.2, JUNE 1967, 88-93
 PASK,G. SYSTEM RESEARCH LTD.
 DESCRIPTION OF THE STRUCTURE OF A TEACHING PROGRAM TO
 PRODUCE A GAME-LIKE MAN-MACHINE INTERACTION.
- 406 BYERS,L., AND SMITH,K.C. UNIVERSITY OF ILLINOIS
 CONVERSION OF AUTOTUTOR MARK II FOR ON-LINE COMPUTER
 CONTROL.=
 UNIVERSITY OF ILLINOIS, DIGITAL COMPUTER LABORATORY, FILE
 NO.617, FEBRUARY 11,1964
 BYERS,L. SMITH,K. ILLINOIS SOCRATES
 DESCRIPTION OF PHYSICAL PROCESS OF CONVERSION OF THE
 MARK II TEACHING MACHINE TO INTERACT IN THE SOCRATES SYSTEM.

- 407 BUSHNELL, DON C. SYSTEM DEVELOPMENT CORPORATION
COMPUTERS IN THE CLASSROOM.=
DATA PROCESSING MAGAZINE, APRIL 1962, 9-14
BUSHNELL, D. SDC CLASS PHILCO 2000 BENDIX G-15
ILLUSTRATED SURVEY OF THE SDC BENDIX G-15 TEACHING
MACHINE PROJECT, AND THE CLASS SYSTEM.
- 408 GLASER, R., AND RAMAGE, W.W. UNIVERSITY OF PITTSBURGH
BEHAVIORALLY ORIENTED COMPUTER LANGUAGES AND INSTRUCTIONAL
STRATEGIES.=
LEARNING RESEARCH AND DEVELOPMENT CENTER, UNIVERSITY OF
PITTSBURGH, JULY 25, 1967
GLASER, R. RAMAGE, W. PITTSBURGH AUTHOR LANGUAGES MENTOR CATO
COURSEWRITER
PROGRESS REPORT TO OFFICE OF NAVAL RESEARCH ON STUDY OF
AUTHOR LANGUAGES. INCLUDED IS AN EXAMPLE PROBLEM CODED IN
EACH OF CATO, MENTOR, AND 7010 COURSEWRITER.
- 409 ZOBRAK, MARCEL J. UNIVERSITY OF PITTSBURGH
A METHOD FOR RAPID RECOGNITION OF HAND-DRAWN LINE PATTERNS.=
LEARNING R AND D CENTER, UNIVERSITY OF PITTSBURGH, TECHNICAL
REPORT 2, 1966
ZOBRAK, M. PITTSBURGH
DISCUSSION OF PROGRAM TO ACCEPT HAND DRAWN FIGURES TO BE
USED AS INPUT TO THE SYSTEM.
- 410 RAGSCALE, RONALD G. UNIVERSITY OF PITTSBURGH
RECENT DEVELOPMENTS IN DATA COLLECTION AND ANALYSIS FOR
EXPERIMENTS.=
LEARNING R AND D CENTER, UNIVERSITY OF PITTSBURGH, WORKING
PAPER 9, FEBRUARY 1966
RAGSCALE, R. PITTSBURGH EDUCATIONAL PSYCHOLOGY
BRIEFLY DISCUSSES ADVANTAGES AND DISADVANTAGES OF
COMPUTER CONTROLLED EXPERIMENTS IN EDUCATIONAL PSYCHOLOGY.
- 411 JUDD, W.A., AND BUCKWALTER, J.T. UNIVERSITY OF PITTSBURGH
LEARNING RESEARCH AND DEVELOPMENT CENTER, COMPUTER-BASED
INSTRUCTIONAL SYSTEM, CENTRAL EXECUTIVE.=
LEARNING R AND D CENTER, UNIVERSITY OF PITTSBURGH,
JULY 15, 1966
JUDD, W. BUCKWALTER, J. PITTSBURGH DEC PDP-7
DESCRIBES EXECUTIVE PROGRAM FOR THE PITTSBURGH CAI SYSTEM
BUILT AROUND THE PDP-7 COMPUTER.
- 412 BOOKER, C.R., DEW, B.R., AND LAMBRIGHT, J.E. WESTINGHOUSE
RESEARCH LABORATORIES
GRAPHIC INPUT TABLETS FOR PROGRAMMED INSTRUCTION.=
LEARNING R AND D CENTER, UNIVERSITY OF PITTSBURGH, TECHNICAL
REPORT 6
BOOKER, C. DEW, B. LAMBRIGHT, J. PITTSBURGH WESTINGHOUSE
RAND TABLET
DESCRIBES WORK TO MODIFY RAND TABLET FOR AN EFFECTIVE AND

LESS EXPENSIVE INTERFACE IN A CAI SYSTEM.

- 413 BALL, J., BOOKER, C., DOW, B., LAMBRIGHT, J., AND THOMPSON, F.
WESTINGHOUSE RESEARCH LABORATORIES
MANIPULATION PAD. A PRELIMINARY REPORT.=
LEARNING R AND D CENTER, UNIVERSITY OF PITTSBURGH, TECHNICAL
REPORT 4, APRIL 1966
BALL, J. BOOKER, C. DOW, B. LAMBRIGHT, J. THOMPSON, F. PITTSBURGH
WESTINGHOUSE
DESCRIPTION OF CONSTRUCTION OF A FEASIBILITY MODEL OF AN
INTERFACE DEVICE FOR FORM RECOGNITION.
- 414 LIPPERT, HENRY T. UNIVERSITY OF ILLINOIS
OPERATIONAL DESCRIPTION OF THE MASTER I/O STATION OF
SOCRATES.=
TRAINING RESEARCH LABORATORY, UNIVERSITY OF ILLINOIS,
TECHNICAL MEMORANDUM NO. 18, AUGUST 1965
LIPPERT, H. ILLINOIS SOCRATES
SPECIFICATIONS OF THE STUDENT INTERFACE FOR THE SOCRATES
SYSTEM.
- 415 LICKLIDER, J.C.R.
MAN-COMPUTER PARTNERSHIP.=
INTERNATIONAL SCIENCE AND TECHNOLOGY, MAY 1965, 18-26
INTERACTIVE TIME SHARING
GENERAL DISCUSSION OF INTERACTIVE TIME SHARING SYSTEMS,
WITH AN EXAMPLE OF HOW SUCH A SYSTEM CAN BE USED FOR
INSTRUCTIONAL PURPOSES.
- 416 BROWNE, MALCOLM W.
COMPUTERS READY TO TEACH CHINESE.=
THE NEW YORK TIMES, JULY 30, 1967
BROWNE, M. IBM SETON HALL
BRIEF ACCOUNT OF PROGRAM, AT SETON HALL, TO TEACH CHINESE
BY AN IBM COMPUTER.
- 417 GOODLAD, J.I., TYLER, L.L. UNIVERSITY OF CALIFORNIA, LOS
ANGELES, AND OTTOLE, J.F. SYSTEM DEVELOPMENT CORPORATION
COMPUTERS AND INFORMATION SYSTEMS IN EDUCATION.=
HARCOURT, BRACE AND WORLD, INC., 1966
GOODLAD, J. TYLER, L. OTTOLE, J.
AN OVERVIEW OF THE APPLICATIONS, AND POTENTIAL
APPLICATIONS OF DATA PROCESSING TO EDUCATION. INCLUDED
ARE SHORT DESCRIPTIONS OF CURRENT CAI STUDIES THROUGH-
OUT THE COUNTRY.
- 418 DECECCO, JOHN P. (ED.)
EDUCATIONAL TECHNOLOGY, READINGS IN PROGRAMMED INSTRUCTION.=
HOLT, RINEHART, AND WINSTON, 1964
DECECCO, J. GLASER, R. LUMSDAINE, A. SKINNER, B. GAGNE, R.
CROWDER, N. SILBERMAN, H. MELARAGNO, R. COULSON, J. ESTAVAN, D.
STOLURROW, L. LIPPERT, H. DICK, W. PRESSEY, S.

A COMPREHENSIVE STUDY OF PROGRAMMED INSTRUCTION BY THE LEADERS IN THE FIELD.

- 419 KEMENY, JOHN G., AND KURTZ, THOMAS F. DARTMOUTH COLLEGE
A MANUAL FOR BASIC.=
C-E-I-R INC., WASHINGTON
KEMENY, J. KURTZ, T. DARTMOUTH CEIR
A MANUAL FOR USE OF BASIC ON THE CEIR INC. ON-SITE
COMPUTING SERVICE. SEE ALSO REFERENCES 244 AND 245.
- 420 HARLESS, WILLIAM G. UNIVERSITY OF OKLAHOMA MEDICAL CENTER
THE DEVELOPMENT OF A COMPUTER-ASSISTED INSTRUCTION PROGRAM
IN A MEDICAL CENTER ENVIRONMENT.=
JOURNAL OF MEDICAL EDUCATION, VOL.42, FEBRUARY 1967, 139-145
HARLESS, W. OKLAHOMA MEDICAL CENTER COURSEWRITER
DESCRIBES SYSTEM BY WHICH COURSES ARE PREPARED AT THE
OKLAHOMA MEDICAL CENTER. BY USE OF CAI ASSISTANTS, THE
INSTRUCTOR NEED ONLY SPECIFY THE BASIC STRUCTURE OF THE
COURSE.
- 421 RIDGEWAY, JAMES
COMPUTER-TUTOR.=
THE NEW REPUBLIC, JUNE 4, 1966, 19-22
RIDGEWAY, J.
SHORT SURVEY OF THE PRESENT CAI INDUSTRY AND ITS PROSPECT
FOR THE FUTURE.
- 422 ENGVOLD, K., AND HUGHES, J. IBM EDUCATION RESEARCH DEPARTMENT
ABAC. A BASIC COURSEWRITER.=
EDUCATION RESEARCH DEPARTMENT, DATA PROCESSING DIVISION,
IBM, Poughkeepsie, NEW YORK, NOVEMBER 30, 1965
IBM CRT FORTRAN IV ENGVOLD, K. HUGHES, J.
SPECIFICATIONS AND DESCRIPTION OF A BASIC COURSEWRITER
ABAC. THIS IS A COURSEWRITER LANGUAGE, WRITTEN IN FORTRAN
IV, TO ALLOW USE ON ANY SYSTEM WITH A FORTRAN IV COMPILER.
SYSTEM AS DESCRIBED USES CATHODE RAY TUBES FOR PRESENTATION
OF INSTRUCTIONAL MATERIAL.
- 423 LUEBBERT, W.F., AND LEECH, R.L. U.S. MILITARY ACADEMY
THE COMPUTER AS AN INSTRUCTIONAL/ LEARNING AID.=
U.S. MILITARY ACADEMY, WEST POINT, NEW YORK
LUEBBERT, W. LEECH, R. ARMY WEST POINT CADETRAN GE-225
DESCRIPTION OF WEST POINT CADETRAN SYSTEM, A
SOPHISTICATED FORTRAN FOR AN EDUCATIONAL ENVIRONMENT.
SYSTEM, BASED ON GE-225 AND GE-DATANET 30, USES SPECIAL
SOFTWARE TO ALLOW INPUT ON CARDS MARKED WITH ELECTROGRAPHIC
PEN, IL, AS WELL AS NORMAL REMOTE ACCESS. SYSTEM PRIMARILY
USED TO INSTRUCT IN THE SENSE OF ASSISTANCE IN PROBLEM
SOLUTIONS.
- 424 REYNOLDS, DONALD TEXAS CHRISTIAN UNIVERSITY
SUMMARY OF CAI SURVEY.=

SCHOOL OF EDUCATION, INSTRUCTIONAL SYSTEMS INSTITUTE, TEXAS
CHRISTIAN UNIVERSITY, JULY 13, 1967
REYNOLDS, D.

SUMMARY OF STUDY OF 80 INSTITUTIONS WITH AN INTEREST IN
CAI. TOPICS COVERED IN THE STUDY INCLUDE, COMPUTING SYSTEMS
USED, SOFTWARE, STAFF INFORMATION, SYSTEM FUNCTIONS, BUDGETS
AND SOURCE OF SUPPORT.

- 425 OTTE, RICHARD E. OFFICE OF EDUCATION
OFFICE OF EDUCATION ACTIVITIES IN THE AREA OF COMPUTER-
ASSISTED INSTRUCTION.=
HUMAN RESOURCES BRANCH, DIVISION OF ADULT AND VOCATIONAL
RESEARCH, OFFICE OF EDUCATION
OTTE, R.
SUMMARY OF CAI WORK SUPPORTED BY OFFICE OF EDUCATION,
WITH A LIST OF AREAS NEEDING FURTHER INVESTIGATION.
- 426 METRO
COMPUTER ASSISTED MATHEMATICS INSTRUCTION. PILOT PROJECT.=
METROPOLITAN EFFORT TOWARD REGIONAL OPPORTUNITY (METRO),
WETHERSFIELD, CONNECTICUT
METRO BOLT BERANEK AND NEWMAN
DISCUSSION OF RESULTS OF A STUDY IN WHICH HIGH SCHOOL
STUDENTS PROGRAMMED A REMOTELY LOCATED COMPUTER AS AN AID
IN LEARNING MATHEMATICS.
- 427 BERGER, F.S. (EC.)
COMPUTER-ASSISTED INSTRUCTION.=
INQUIRY---THE PENNSYLVANIA STATE UNIVERSITY, VOL.2/NO.2,
JUNE 1967
MITZEL, H. IBM PENNSYLVANIA STATE
OVERVIEW, IN NON-TECHNICAL TERMS, OF THE CAI-SYSTEM AT
PENNSYLVANIA STATE.
- 428 IMPELLITTERI, J.T. PENNSYLVANIA STATE UNIVERSITY
CURRENT GUIDANCE APPLICATIONS OF COMPUTERS.=
THE PENNSYLVANIA STATE UNIVERSITY, AUGUST 8, 1967
IMPELLITTERI, J. PENNSYLVANIA STATE COUNSELING
REVIEW OF WORK TO APPLY MODERN EDUCATIONAL METHODS,
INCLUDING COMPUTER-BASED SYSTEMS, TO PROBLEMS OF VOCATIONAL
GUIDANCE.
- 429 IMPELLITTERI, J.T. PENNSYLVANIA STATE UNIVERSITY
THE DEVELOPMENT AND EVALUATION OF A PILOT COMPUTER ASSISTED
OCCUPATIONAL GUIDANCE PROGRAM.=
DEPARTMENT OF VOCATIONAL EDUCATION, PENNSYLVANIA STATE
UNIVERSITY, INTERIM REPORT, APRIL 1967
IMPELLITTERI, J. PENNSYLVANIA STATE COUNSELING COURSEWRITER
REPORT ON WORK FOR PERIOD APRIL 1966 TO APRIL 1967, TO
DEVELOP INTERACTIVE VOCATIONAL GUIDANCE PROGRAMS USING THE
COURSEWRITER LANGUAGE.

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- 430 DEPARTMENT OF VOCATIONAL EDUCATION, PENNSYLVANIA STATE
COMPUTER ASSISTED OCCUPATIONAL GUIDANCE AT THE PENNSYLVANIA
STATE UNIVERSITY.=
DEPARTMENT OF VOCATIONAL EDUCATION, PENNSYLVANIA STATE
UNIVERSITY
PENNSYLVANIA STATE COUNSELING
BROCHURE TELLING OF THE OCCUPATIONAL GUIDANCE PROJECT
SPONSORED BY THE PENNSYLVANIA DEPARTMENT OF PUBLIC
INSTRUCTION.
- 431 MITZEL, H.E. PENNSYLVANIA STATE UNIVERSITY
THE DEVELOPMENT AND PRESENTATION OF FOUR COLLEGE COURSES BY
COMPUTER TELEPROCESSING.=
COMPUTER ASSISTED LABORATORY, COLLEGE OF EDUCATION, THE
PENNSYLVANIA STATE UNIVERSITY, FINAL REPORT CONTRACT NO.
O.E. 4-16-010 NEW PROJECT NO. 5-1194, JUNE 30, 1967
MITZEL, H. HALL, K. KRINER, B. JOHNSON, D. WÖDTKE, K. CRAMER, J.
MÖSS, C. RIEDESEL, C. SIEGENTHALER, B. PALMER, C. GILMAN, D.
SUYDAM, M. KATZER, J. PENNSYLVANIA STATE COURSEWRITER IBM
AUDIOLOGY MANAGEMENT ACCOUNTING ENGINEERING ECONOMICS
MODERN MATHEMATICS
FINAL REPORT OF THE PENNSYLVANIA STATE UNIVERSITY PROJECT
TO DEVELOP COURSES IN AUDIOLOGY, MANAGEMENT ACCOUNTING,
ENGINEERING ECONOMICS, AND MODERN MATHEMATICS BY CAI METHODS
- 432 ZINN, KARL L. UNIVERSITY OF MICHIGAN
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EDUCATIONAL TECHNOLOGY, VOLUME VIII, NUMBER 12, JUNE 30, 1968
PAGES 14-17
ZINN, K.
SHORT REVIEW OF STANDARDS TO BE USED IN A STUDY OF THE
AUTHOR LANGUAGES OF CAI.
- 433 GOLDBERG, ALBERT L. HONEYWELL INCORPORATED
THE COMPUTER AND EDUCATION.=
EDUCATIONAL LEADERSHIP, VOLUME 23, NO. 7, APRIL 1966,
PAGES 579-585
GOLDBERG, A. OVERVIEW
BRIEF OVERVIEW OF THE ROLE OF THE COMPUTER IN EDUCATION,
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- 434 BUNDY, ROBERT F.
COMPUTER-ASSISTED INSTRUCTION. NOW AND FOR THE FUTURE.=
AUDIOVISUAL INSTRUCTION, VOLUME 12, APRIL 1967, PAGES 344-
348
BUNDY, R. SURVEY
SURVEY OF CAI WITH REFERENCE TO WHAT IT IS NOW, THE
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- 435 CRAMER, JOE J., JR. PENNSYLVANIA STATE UNIVERSITY
MANAGEMENT ACCOUNTING VIA COMPUTER-ASSISTED INSTRUCTION.=

MANAGEMENT ACCOUNTING, VOL.XLVII, NUMBER 5, JANUARY 1966,
PAGES 38-45

CRAMER, J. PENNSYLVANIA STATE

DISCUSSION OF THE MANAGEMENT ACCOUNTING COURSE PREPARED
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- 436 GENTILE, RONALD J. PENNSYLVANIA STATE UNIVERSITY
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AV COMMUNICATION REVIEW, VOL.15, NO.1, SPRING 1967, PAGES 23
-53
GENTILE, R. STATE OF ART REPORT BIBLIOGRAPHY
STATE OF ART REPORT ON CAI REFERENCED BY AN EXTENSIVE
BIBLIOGRAPHY.
- 437 CRAWFORD, D.G., AND FLOWERS, J.F. UNIVERSITY OF TORONTO
SPECIFICATIONS FOR THE DEVELOPMENT OF A COMPUTER-BASED
INSTRUCTIONAL LABORATORY.=
UNDATED PAPER, ONTARIO INSTITUTE FOR STUDIES IN EDUCATION,
THE UNIVERSITY OF TORONTO
CRAWFORD, D. FLOWERS, J. TORONTO EDUCATIONAL RESEARCH EDUCAN
DISCUSSION OF LEARNING RESEARCH COMPUTER BASED INSTRUCT-
ION SYSTEMS MAKE POSSIBLE. EDUCAN, A LANGUAGE FOR CAI
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- 438 U.S. NAVAL ACADEMY
COMPLTERS IN MIDSHIPMAN EDUCATION.=
UNDATED PRELIMINARY DRAFT, ACADEMIC COMPUTER CENTER, U.S.
NAVAL ACADEMY
NAVAL ACADEMY IBM-1500
HISTORY OF COMPUTER WORK AT ANNAPOLIS LEADING TO THE IBM
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- 439 HANSEN, C.N., AND DICK, W. FLORIDA STATE UNIVERSITY
SEMIANNUAL PROGRESS REPORT, JANUARY 1, 1967 THROUGH JUNE 30,
1967.=
COMPLTER-ASSISTED INSTRUCTION CENTER, INSTITUTE OF HUMAN
LEARNING, FLORIDA STATE UNIVERSITY, REPORT NUMBER 5, JULY 1,
1967
HANSEN, C. DICK, W. FLORIDA STATE IBM 1400 1500 PHYSICS
COURSEWRITER
SUMMARY OF WORK AT THE CAI CENTER FOR THE SIX MONTH
PERIOD. INCLUDED IS AN EXTENSIVE STUDY OF THE PHYSICS
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STUDIES BEING CARRIED OUT ON THE FLORIDA STATE CAI SYSTEM.
- 440 PATMAN, W. CHAIRMAN, JOINT ECONOMIC COMMITTEE
AUTOMATION AND TECHNOLOGY IN EDUCATION.=
A REPORT OF THE SUBCOMMITTEE ON ECONOMIC PROGRESS OF THE
JOINT ECONOMIC COMMITTEE, CONGRESS OF THE UNITED STATES,
AUGUST 1966, U.S.GOVERNMENT PRINTING OFFICE, WASHINGTON,

1966

JOINT ECONOMIC COMMITTEE

COMPREHENSIVE REVIEW OF TOOLS FOR AUTOMATED EDUCATION,
INCLUDING THEIR POTENTIAL AS WELL AS THE PROBLEMS OF COST
AND DEVELOPMENT.

- 441 PRESIDENTS SCIENCE ADVISORY COMMITTEE
COMPLTERS IN HIGHER EDUCATION.=
REPORT OF THE PRESIDENTS SCIENCE COMMITTEE, THE WHITE HOUSE
WASHINGTON, D.C., FEBRUARY 1967. U.S. GOVERNMENT PRINTING
OFFICE, WASHINGTON, D.C.
SURVEY
SURVEY OF PRESENT AND FUTURE NEEDS FOR COMPUTERS IN
EDUCATION. INCLUDED ARE RECOMMENDATIONS FOR EFFECTIVE USE
OF COMPLTER, AND FUNDING OF NECESSARY PROJECTS TO PROPERLY
TRAIN STUDENTS IN DATA PROCESSING.
- 442 YETT, FRANK A. PASADENA CITY COLLEGE
COMPLTER ASSISTED LEARNING AT PASADENA CITY COLLEGE. A
GUIDE TO THE NEXT FIVE YEARS.=
DEPARTMENT OF COMPUTER SCIENCES, PASADENA CITY COLLEGE,
PASADENA, CALIFORNIA, OCTOBER 1967
YETT, F. PASADENA CITY COLLEGE
A REVIEW OF COMPUTERS IN HIGHER EDUCATION, REF.441, AND
HOW ITS RECOMMENDATIONS WILL BE APPLIED AT PASADENA CITY
COLLEGE.
- 443 SCIENTIFIC DATA SYSTEMS
SDS 940 CAL REFERENCE MANUAL.=
SCIENTIFIC DATA SYSTEMS PUBLICATION NUMBER 9C-11-14A,
JUNE 1967
SCIENTIFIC DATA SYSTEMS 940 TIME-SHARING STUDENT LANGUAGE
REFERENCE MANUAL FOR SCIENTIFIC DATA SYSTEMS
CONVERSATIONAL ALGEBRAIC LANGUAGE CAL, ONE OF THE
INTERACTIVE STUDENT LANGUAGES FOR TIME SHARING SYSTEMS.
- 444 MYER, THEODORE H. BOLT BERANEK AND NEWMAN INC.
TELCOMP PRIVATE-LINE COMPUTATION SERVICE MANUAL FOR USERS.=
BOLT BERANEK AND NEWMAN INC., CAMBRIDGE, MASSACHUSETTS,
OCTOBER 7, 1966
MYER, T. BOLT BERANEK AND NEWMAN TIME-SHARING
STUDENT LANGUAGE
USERS MANUAL FOR TELCOMP, AN INTERACTIVE STUDENT LANGUAGE
OPERATED ON A TIME-SHARING SYSTEM.
- 445 STANLEY, JULIAN C. EDUCATIONAL TESTING SERVICE
PROCEEDINGS OF THE 1966 INVITATIONAL CONFERENCE ON TESTING
PROBLEMS.=
OCTOBER 29, 1966, HOTEL ROOSEVELT, NEW YORK. EDUCATIONAL
TESTING SERVICE, PRINCETON, NEW JERSEY
STANLEY, J. STONE, P. HELM, C. PAGE, E. NATURAL LANGUAGE
REVIEW OF PROBLEMS OF EDUCATION WITH PARTICULAR REFERENCE

TO TESTING. INCLUDED ARE THREE ARTICLES ON COMPUTER-BASED TESTING, AND WORK TOWARD COMPILATION OF NATURAL LANGUAGE RESPONSE.

- 446 BUSHNELL, DONALD C. SYSTEM DEVELOPMENT CORPORATION
THE ROLE OF THE COMPUTER IN FUTURE INSTRUCTIONAL SYSTEMS.=
AUDIO VISUAL COMMUNICATION REVIEW, VOL.11, NO.2, MARCH-APRIL
1963, SUPPLEMENT 7, TDP MONOGRAPH NO.2
BUSHNELL, D. SOC CLASS INFORMATION RETRIEVAL SIMULATION
REVIEW OF APPLICATIONS OF COMPUTERS TO EDUCATION AT THE
DATE OF PUBLICATION. PARTICULAR REFERENCE IS GIVEN TO THE
WORK AT SYSTEM DEVELOPMENT CORPORATION.
- 447 ZINN, KARL L. UNIVERSITY OF MICHIGAN
TRENDS AND PROJECTED NEEDS IN AUTOMATED EDUCATION.=
AUTOMATED EDUCATION LETTER, VOL.2, NO.9, JULY-AUGUST 1967,
PP.3-4
ZINN, K. MICHIGAN
PROJECTIONS FOR FUTURE WORK WITH COMPUTERS TO MAKE THEIR
APPLICATION TO EDUCATION MORE EFFICIENT.
- 448 HIGGINS, G. ALBERT MOUNT HERMON SCHOOLS
BASIC, A NEW LANGUAGE AT MOUNT HERMON.=
THE BULLETIN OF NORTHFIELD AND MOUNT HERMON SCHOOLS, SPRING
1967, PP.1-8
HIGGINS, G. DARTMOUTH
DESCRIBES INTRODUCTION OF COMPUTER WORK AT MOUNT HERMON
SCHOOL USING THE BASIC LANGUAGE ON THE DARTMOUTH TIME-SHARE
SYSTEM.
- 449 GENERAL ELECTRIC
TUTOR TEACHES TIME-SHARING.=
GENERAL ELECTRIC COMPANY, INFORMATION SERVICE DEPARTMENT
GENERAL ELECTRIC BASIC
SHORT CIRCULAR DESCRIBING TUTOR, A SERIES OF SHORT
PROGRAMS TO INSTRUCT THE USER IN THE BASIC LANGUAGE.
- 450 GENERAL ELECTRIC
TIME-SHARING SYSTEM MANUAL.=
GENERAL ELECTRIC COMPANY, INFORMATION SERVICE DEPARTMENT
GENERAL ELECTRIC BASIC
SYSTEM REFERENCE MANUAL FOR GENERAL ELECTRIC TIME-SHARE
SYSTEM, WHICH ALLOWS FOR USE OF THE BASIC LANGUAGE.
- 451 KALIN, ROBERT FLORIDA STATE UNIVERSITY
A PROJECT IN THE USE OF A COMPUTER FOR TEACHING DEDUCTIVE
REASONING.=
FLORIDA STATE UNIVERSITY, DEPARTMENT OF MATHEMATICS
EDUCATION, REPORT NO.1, JULY 1967
KALIN, R. FLORIDA STATE MATHEMATICS COURSEWRITER
DESCRIPTION OF PROGRAM, WRITTEN IN THE COURSEWRITER
LANGUAGE, TO ASSIST STUDENTS IN LEARNING TO PROVE THEOREMS

OF GEOMETRY.

- 452 BUNDERSØN, C. VICTOR UNIVERSITY OF TEXAS
THE UNIVERSITY OF TEXAS LABORATORY FOR COMPUTER-ASSISTED
INSTRUCTION 1966-1967.=
LABORATORY FOR COMPUTER-ASSISTED INSTRUCTION, UNIVERSITY OF
TEXAS
BUNDERSØN, C. HOLTZMAN, W. DUNHAM, J. TEXAS CHEMISTRY
MATHEMATICS STATISTICS TEACHER EDUCATION MUSIC CHINESE
MUSIC SPANISH
REVIEW OF CAI PROGRAM AT THE UNIVERSITY OF TEXAS.
INCLUDED ARE DESCRIPTIONS OF HARDWARE, CURRICULUM PROJECTS,
CURRICULUM FEASIBILITY PROJECTS, AND LEARNING AND
INSTRUCTIONAL RESEARCH.
- 453 HAUSMAN, LOUIS OFFICE OF EDUCATION
THE ABC'S OF CAI.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967,
PAGE 15.
HAUSMAN, L. OFFICE OF EDUCATION OVERVIEW
OVERVIEW OF CAI SYSTEMS, AND HOW THEY WILL SERVE AS A
TOOL FOR THE FUTURE.
- 454 BRIGHT, R. LOUIS OFFICE OF EDUCATION
THE TIME IS NOW.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967
PAGES 12-14
BRIGHT, R. OFFICE OF EDUCATION
SURVEY OF PRESENT AND FUTURE APPLICATIONS OF DATA
PROCESSING IN SCHOOLS, WITH EMPHASIS ON NEED FOR INSTRUCTION
OF ALL STUDENTS IN THESE AREAS.
- 455 OFFICE OF EDUCATION
FEDERAL FUNDS COMPUTERS IN EDUCATION.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967,
PAGES 24-25
OFFICE OF EDUCATION
SUMMARY OF COMPUTER RELATED PROJECTS FUNDED BY THE OFFICE
OF EDUCATION.=
- 456 OFFICE OF EDUCATION
COUNSELOR.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967,
PAGE 16
TIEDEMAN, D. HARVARD ISVD
BRIEF DESCRIPTION OF INFORMATION SYSTEM FOR VOCATIONAL
DECISION, UNDER DEVELOPMENT BY DAVID TIEDEMAN AT HARVARD, TO
SIMULATE A VOCATIONAL COUNSELOR.

- 457 OFFICE OF EDUCATION
PATIENT.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967,
PAGE 18
SIM ONE SOUTHERN CALIFORNIA MEDICINE
DESCRIPTION OF SIM ONE, A COMPUTER CONTROLLED MANIKIN
AT THE UNIVERSITY OF SOUTHERN CALIFORNIA SCHOOL OF MEDICINE
TO SIMULATE A SURGERY PATIENT.
- 458 OFFICE OF EDUCATION
PLANNER.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER, 1967
PAGE 17
MEIER, R. WASHINGTON
DESCRIPTION OF PROGRAM UNDER DEVELOPMENT BY ROBERT MEIER
AT THE UNIVERSITY OF WASHINGTON TO ASSIST ADMINISTRATORS IN
DEVELOPMENT PLANNING FOR THEIR INSTITUTIONS.
- 459 OFFICE OF EDUCATION
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AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER, 1967
PAGE 20
ATKINSON, R. SUPPES, P. STANFORD BRENTWOOD
REVIEW OF ELEMENTARY SCHOOL CAI PROJECT UNDER THE
DIRECTION OF ATKINSON AND SUPPES OF STANFORD.
- 460 WING, RICHARD L. NORTHERN WESTCHESTER COUNTY, NEW YORK,
BOARD OF COOPERATIVE EDUCATIONAL SERVICES
COMPUTER-CONTROLLED ECONOMICS GAMES FOR THE ELEMENTARY
SCHOOL.=
AUDIOVISUAL INSTRUCTION, DECEMBER 1964, PAGES 681-682
WING, R. BCES IBM-7090
BRIEF ARTICLE DESCRIBING THE NATURE OF THE COMPUTER-BASED
ECONOMICS GAMES.
- 461 OFFICE OF EDUCATION
PAPER PUSHER.=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH
EDUCATION AND WELFARE, OFFICE OF EDUCATION, NOVEMBER 1967,
PAGE 21
MEMPHIS ADMINISTRATION
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- 462 MARGLIN, JOSEPH B. GEORGE WASHINGTON UNIVERSITY
TECHNOLOGY, ARE WE BUILDING A TOWER OF BABEL .=
AMERICAN EDUCATION, UNITED STATES DEPARTMENT OF HEALTH

EDUCATION AND WELFARE, OFFICE OF EDUCATION. NOVEMBER 1967,
PAGES 22-23

MARGOLIN, J. REVIEW

REVIEW OF CAI WITH DISCUSSION OF PROBLEMS THAT MUST BE
SOLVED TO MAKE IT EFFECTIVE.

- 463 A.T. AND T.
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A.T. AND T. PUBLICITY RELEASE
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DESCRIBES USE OF COMPUTER, ACCESSED BY TELETYPES, IN THE
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- 464 A.T. AND T.
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A.T. AND T. PUBLICITY RELEASE
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- 465 A. T. AND T.
IN-HOME USE BY STUDENT OF REMOTE COMPUTER PROVIDING VOICE
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A. T. AND T. PUBLICITY RELEASE
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- 466 UNITED STATES MILITARY ACADEMY
VISITOR GUIDE TO THE ACADEMIC COMPUTER CENTER AND ITS
HISTORIC DISPLAYS.=
ACADEMIC COMPUTER CENTER, UNITED STATES MILITARY ACADEMY,
WEST POINT, NEW YORK
ARMY
SUMMARY OF COMPUTER SCIENCE PROGRAM AT WEST POINT.
INCLUDED IS AN ILLUSTRATED GUIDE TO THE HISTORIC DISPLAYS
OF THE CENTER WHICH GIVES AN EXCELLENT REVIEW OF COMPUTING
DEVICES.
- 467 UNITED STATES MILITARY ACADEMY
ACADEMIC COMPUTER PROGRAM, REPORT OF OPERATIONS, AY 65-66.=
ACADEMIC COMPUTER CENTER, UNITED STATES MILITARY ACADEMY,
WEST POINT, NEW YORK
ARMY CACETRAN
SUMMARY OF THE COMPUTER CENTER AT WEST POINT, ITS
OBJECTIVES, ITS OPERATION, AND THE COMPUTER SCIENCE PROGRAM
AT THE ACADEMY.
- 468 DIGITAL EQUIPMENT CORPORATION
PDP-8 TREATED LIKE ANOTHER TEACHER.=

DIGITAL EQUIPMENT CORPORATION, MAYNARD MASS.
POMFRET SCHOOL DEC

OUTLINE OF PROGRAM BY WHICH ALL STUDENTS AT THE POMFRET
SCHOOL ARE INSTRUCTED IN DATA PROCESSING BY USING A PDP-8
COMPLTER.

- 469 IDEA DIVISION OF THE CHARLES F. KETTERING FOUNDATION
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IDEA INFORMATION OFFICE, BOX 446, MELBOURNE, FLORIDA
IDEA
REVIEW OF EXISTING AND PROJECTED DEVICES FOR USE IN
EDUCATION, WITH A DISCUSSION OF THE PROBLEMS IN IMPLEMENTING
THEM.
- 470 EDUCATIONAL TECHNOLOGY
COMPLTER TEACHING COLLEGE PHYSICS.=
EDUCATIONAL TECHNOLOGY, OCTOBER 30, 1967, PAGES 7-9
FLORIDA STATE IBM-1500 HANSEN, C.
BRIEF OUTLINE OF PROJECT AT FLORIDA STATE TO TEACH
INTRODUCTORY PHYSICS BY MEANS OF THE IBM-1500 INSTRUCTIONAL
COMPLTER SYSTEM.
- 471 SLACK, CHARLES W.
THE TRUTH ABOUT COMPUTERIZED INSTRUCTION.=
EDUCATIONAL TECHNOLOGY, OCTOBER 15, 1967, PAGES 8-14
SLACK, C.
A STUDY OF THE FUNCTIONS OF A TEACHER THAT A COMPUTER
CAN REPLACE, AND THE DESIRABILITY OF SUCH A REPLACEMENT.
- 472 GLEASON, GERALD T. UNIVERSITY OF WISCONSIN-MILWAUKEE
COMPLTER ASSISTED INSTRUCTION--PROSPECTS AND PROBLEMS.=
EDUCATIONAL TECHNOLOGY, NOVEMBER 15, 1967, PAGES 1-8
GLEASON, G. WISCONSIN
DISCUSSES CAI IN TERMS OF AN EXTENSION OF PROGRAMMED
INSTRUCTION. REVIEWS WORK IN CAI AT SEVERAL INSTITUTIONS,
AND DISCUSSES PROBLEMS IN CAI DEVELOPMENT.
- 473 AUTOMATED EDUCATION LETTER
COMPLTER BEGINS TEACHING EXPERIMENTAL COURSE AT FSU.=
AUTOMATED EDUCATION LETTER, VOL.2, NO.10, SEPTEMBER-OCTOBER
1967, PAGES 3-4
PHYSICS HANSEN, D. IBM-1500 FLORIDA STATE
BRIEF OUTLINE OF PHYSICS COURSE AT FLORIDA STATE TAUGHT
BY AN IBM-1500 INSTRUCTIONAL COMPUTER.
- 474 AUTOMATED EDUCATION LETTER
FIVE-TOWN SCHOOL COMPUTER PROJECT GETS UNDERWAY.=
AUTOMATED EDUCATION LETTER, VOL.2, NO.10, SEPTEMBER-OCTOBER
1967, PAGES 5-6
LOCAL HAVEN, R. MATHEMATICS TELCOMP
OUTLINE OF PROJECT LOCAL, A PROGRAM, DIRECTED BY ROBERT
HAVEN, TO PLACE TERMINALS CONNECTED TO A CENTRAL COMPUTER,

TO ASSIST IN MATHEMATICS INSTRUCTION IN HIGH SCHOOLS IN MASSACHUSETTS.

- 475 AUTOMATED EDUCATION LETTER
EXTENSIVE USE OF COMPUTERS IN EDUCATION.=
AUTOMATED EDUCATION LETTER, VOL.2, NO.10, SEPTEMBER-OCTOBER 1967, PAGES 11-13
HAMBLEN, J. HANSEN, D. BRIGHT, L. SILBERMAN, H. GRUBB, R. LONG, H. CHARP, S.
REVIEW OF THE COMPUTER ASSISTED INSTRUCTION SESSION OF THE 1967 AMERICAN MANAGEMENT ASSOCIATION CONFERENCE AND EXHIBIT ON EDUCATION AND TRAINING. INCLUDED ARE COMMENTS OF SOME OF THE LEADING INVESTIGATORS IN THE FIELD.
- 476 UNIVERSITY OF CALIFORNIA, IRVINE
COMPUTER-ASSISTED LEARNING AND THE UNIVERSITY OF CALIFORNIA, IRVINE. AN INTRODUCTION.=
COMPUTER FACILITY, UNIVERSITY OF CALIFORNIA, IRVINE, JULY 3, 1967
IRVINE IBM-141C/1440 IBM-360 COURSEWRITER
OVERVIEW OF THE INTERDISCIPLINARY CAI PROJECT AT IRVINE. PRESENT WORK IS WITH THE IBM-1410/1440 SYSTEM, WITH DEVELOPMENT WORK UNDERWAY FOR USE OF AN IBM-360 SYSTEM.
- 477 WOOTKE, KENNETH H. PENNSYLVANIA STATE UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION. A SIMULATED TUTORIAL APPROACH.=
REMARKS PRESENTED AT ANNUAL MEETING OF NATIONAL SOCIETY OF COLLEGE TEACHERS
WOOTKE, K. PENNSYLVANIA STATE COURSEWRITER AUDIOLOGY
OVERVIEW OF THE CAI PROGRAM AT PENNSYLVANIA STATE WITH PARTICULAR REFERENCE TO COURSE SEGMENT ON THE STRUCTURE OF THE EAR.
- 478 WOOTKE, K.H., AND GILMAN, C.A. PENNSYLVANIA STATE UNIVERSITY
SOME COMMENTS ON THE EFFICIENCY OF THE TYPEWRITER INTERFACE IN COMPUTER-ASSISTED INSTRUCTION AT THE HIGH SCHOOL AND COLLEGE LEVEL.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, THE PENNSYLVANIA STATE UNIVERSITY
WOOTKE, K. GILMAN, C. PENNSYLVANIA STATE
DISCUSSION OF ADVANTAGES AND PROBLEMS OF TYPEWRITER INPUT AND OUTPUT IN CAI.
- 479 WOOTKE, KENNETH H. PENNSYLVANIA STATE UNIVERSITY
ON THE ASSESSMENT OF RETENTION EFFECTS IN EDUCATIONAL EXPERIMENTS.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, PENNSYLVANIA STATE UNIVERSITY
WOOTKE, K. PENNSYLVANIA STATE
STUDY OF THE PROBLEMS OF STUDIES OF RETENTION IN WORK IN AUTOMATED INSTRUCTION.

- 480 WÖDTKE, K.M., MITZEL, H.E., AND BROWN, B.R. PENNSYLVANIA STATE UNIVERSITY
SOME PRELIMINARY RESULTS ON THE REACTIONS OF STUDENTS TO COMPUTER-ASSISTED INSTRUCTION.=
COMPUTER ASSISTED INSTRUCTION LABORATORY, PENNSYLVANIA STATE UNIVERSITY
WÖDTKE, K. MITZEL, H. BROWN, B. PENNSYLVANIA STATE IBM-1410
COURSEWRITER
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- 481 LINCICOME, M.S., HAWTHORNE, M.E., ARMSTRONG, D. NAVAL MEDICAL SCHOOL, BEAUDOIN, R. NAVAL MEDICAL RESEARCH INSTITUTE, MITZEL, H.E., HALL, K.A., IGO, R.V. PENNSYLVANIA STATE UNIVERSITY
THE LABORATORY DIAGNOSIS OF MALARIA TAUGHT BY C.A.I.=
FOLDER TO ACCOMPANY DEMONSTRATION AT PROJECT ARISTOTLE SYMPOSIUM, WASHINGTON, D.C., DECEMBER 6-7, 1967
LINCICOME, M. HAWTHORNE, M. ARMSTRONG, D. BEAUDOIN, R. MITZEL, H. HALL, K. IGO, R. NAVY PENNSYLVANIA STATE MEDICINE
BRIEF REVIEW OF CAI AND A PROGRAM BY WHICH CAI TEACHES DIAGNOSIS OF MALARIA.
- 482 CØULSEN, J.E. SYSTEM DEVELOPMENT CORPORATION, UTTAL, W.R. INTERNATIONAL BUSINESS MACHINES, BITZER, D.L., BRAUNFELD, P.G. UNIVERSITY OF ILLINOIS
FIRST CONGRESS ON THE INFORMATION SYSTEM SCIENCES, AUTOMATED INSTRUCTIONAL TECHNIQUES.=
PREPARED BY THE MITRE CORPORATION, FOR DIRECTORATE OF SYSTEM DESIGN FOR TECHNOLOGY, ELECTRONIC SYSTEMS DIVISION, AIR FORCE SYSTEMS COMMAND, U.S. AIR FORCE, L.G. HANSCOM FIELD, BEDFORD, MASSACHUSETTS, NOVEMBER 1963, AD-427029
CØULSEN, J. UTTAL, W. BRAUNFELD, P. BITZER, D.
CONFERENCE REPORT CONTAINING THREE REFERENCES 41, 58, AND 62, CLASSIC REPORTS IN THE FIELD.
- 483 FILEP, R.T., AND MURPHY, D.B. SYSTEM DEVELOPMENT CORPORATION
COMPUTER-ASSISTED LEARNING FOR INSERVICE TEACHER EDUCATION.=
SYSTEM DEVELOPMENT CORPORATION TECHNICAL MEMORANDUM
TM- L -3494, MAY 15, 1967
FILEP, R. MURPHY, D. SDC BIOLOGY NEW YORK CAL IBM-1440-1448
COURSEWRITER
REPORT OF PILOT STUDY CONDUCTED BY SYSTEM DEVELOPMENT CORPORATION, FOR THE STATE EDUCATION DEPARTMENT OF NEW YORK, TO DETERMINE THE USES OF COMPUTER ASSISTED LEARNING IN INSERVICE TRAINING OF BIOLOGY TEACHERS.
- 484 CULLER, GLEN J. UNIVERSITY OF CALIFORNIA, SANTA BARBARA
IMPLEMENTATION OF AN EXPERIMENTAL ON-LINE CLASSROOM.=
COMPUTER RESEARCH LABORATORY, UNIVERSITY OF CALIFORNIA, SANTA BARBARA

CULLER, G. SANTA BARBARA MATHEMATICAL LABORATORY
REPORT ON DESIGN OF A COMPUTER CONTROLLED MATHEMATICAL
LABORATORY, WITH INDICATION OF THE TYPE OF PROBLEMS IT CAN
ASSIST IN SOLVING.

- 485 RADIC CORPORATION OF AMERICA
RCA INSTRUCTIONAL 70, GENERAL INFORMATION MANUAL.=
RADIC CORPORATION OF AMERICA, INSTRUCTIONAL SYSTEMS, PALO
ALTO, CALIFORNIA, NOVEMBER 1967
RCA SPECTRA 70/45
SUMMARY OF CAPABILITIES AND OPERATIONS OF THE RCA
COMPUTER BASED INSTRUCTION SYSTEM CENTERED AROUND THE RCA
SPECTRA 70/45 COMPUTER.
- 486 FARREL, EDMUND J. UNIVERSITY OF CALIFORNIA, BERKELEY
ENGLISH, EDUCATION AND THE ELECTRONIC REVOLUTION.=
NATIONAL COUNCIL OF TEACHERS OF ENGLISH, 508 SOUTH STREET,
CHAMPAIGN, ILLINOIS, 1967
FARREL, E.
EXPRESSES REGRET THAT ENGLISH TEACHERS HAVE NOT USED THE
MODERN EDUCATIONAL AIDS, INCLUDING COMPUTERS, IN THEIR
INSTRUCTION. OUTLINES WAYS IN WHICH THESE INSTRUMENTS MAY
BE EMPLOYED.
- 487 KAIMANN, R.A., AND MARKER, R.W. UNIVERSITY OF IOWA
EDUCATIONAL DATA PROCESSING. NEW DIMENSIONS AND PROSPECTS.=
HOUGHTON MIFFLIN COMPANY, BOSTON, 1967
KAIMANN, R. MARKER, R. BOULDING, K. VANUXEM, J. DEARDEN, J.
ALCORN, B. OLCEHOEF, A. SALZER, J. MORAVEC, A. WILLIAMS, L.
DESPOLDER, B. THURSTON, P. BURLINGAME, J. WHISLER, T. LONG, F.
YASAKI, E. SULLIVAN, J. FURLEY, S. FUSCO, G. MCGRAW, P. OHM, R.
DAVIDSON, J. TRUEBLOOD, R. RINGERS, J. RHEIN, C. HENDERSON, C.
HAFN, L. SMITH, R. GREER, J. SMITH, E. ANDERSON, G. WILKES, C.
HULL, L. MCWHIRTER, D. SCHERER, M. THROOP, H. GROSSMAN, A.
DOMEROW, R. FREEMAN, J. COLMEY, J. BRISLEY, E. MURPHY, R.
A SERIES OF ARTICLES, BY EXPERTS IN THE FIELD, REVIEWING
ALL APPLICATIONS OF COMPUTERS TO EDUCATION.
- 488 ROSSI, PETER H., AND BIDDLE, BRUCE J.
THE NEW MEDIA AND EDUCATION, THEIR IMPACT ON SOCIETY.=
NATIONAL OPINION RESEARCH CENTER, MONOGRAPHS IN SOCIAL
RESEARCH, ALDINE PUBLISHING COMPANY, CHICAGO 1966
BIDDLE, P. ROSSI, P. BALANOFF, N. ROBINSON, J. STOLUROW, L.
MCCUSKER, H. SORESEN, P. JANOWITZ, M. STREET, O. LEHMANN, C.
MCKEACHIE, W. KNOWLES, M. TROW, M. FORTE, N.
COLLECTION OF ARTICLES DISCUSSING MODERN AIDS TO
EDUCATION AND THEIR EFFECT ON SOCIETY. INCLUDED IS AN
ARTICLE BY STOLUROW DISCUSSING TEACHING MACHINES AND
COMPUTER-BASED TEACHING SYSTEMS.
- 489 CAFFREY, J., AND MOSEMAN, C.J. SYSTEM DEVELOPMENT CORPORATION
COMPUTERS ON CAMPUS. A REPORT TO THE PRESIDENT ON THEIR USE

AND MANAGEMENT.
AMERICAN COUNCIL ON EDUCATION, WASHINGTON, D.C., 1967
CAFFREY, J. MOSEMAN, C.

STUDY OF PRESENT TRENDS IN THE USE OF COMPUTERS IN
COLLEGES WITH INDICATIONS OF WHAT THE FUTURE WILL HOLD.

- 490 KEMENY, JOHN G., AND KURTZ, THOMAS E. DARTMOUTH COLLEGE
THE DARTMOUTH TIME-SHARING COMPUTING SYSTEM.
FINAL REPORT OF COURSE CONTENT IMPROVEMENT PROGRAM, NATIONAL
SCIENCE FOUNDATION (GRANT NSF-GE-3864) DARTMOUTH COLLEGE,
HANOVER, NEW HAMPSHIRE, JUNE 1967
KEMENY, J. KURTZ, T. DARTMOUTH GENERAL ELECTRIC GE-235 BASIC
DATANET-30
REPORT OF THE COMPUTER CENTER AT DARTMOUTH BUILT AROUND
A GENERAL ELECTRIC TIME-SHARING SYSTEM. ONE RESULT OF THE
PROGRAM WAS THE INTRODUCTION OF COMPUTING TO ALL STUDENTS BY
MEANS OF THE BASIC LANGUAGE DEVELOPED IN THE PROJECT.
- 491 LYMAN, ELISABETH R. UNIVERSITY OF ILLINOIS
A DESCRIPTIVE LIST OF PLATO PROGRAMS.
COORDINATED SCIENCE LABORATORY, UNIVERSITY OF ILLINOIS,
URBANA, REPORT R-296, JUNE-1966, (REVISED JULY, 1967)
LYMAN, E. ILLINOIS
UPDATING OF REFERENCE 60, DESCRIBING PROGRAMS PREPARED
FOR THE PLATO SYSTEM.
- 492 RODGERS, W.A., AND GARIGLIO, L.M. SAGINAW TOWNSHIP COMMUNITY
SCHOOLS
TOWARD A COMPUTER BASED INSTRUCTIONAL SYSTEM.
PREPARED AS A VISITING PACE FELLOWS PUBLICATION REPORTING
WORK ON GRANT NUMBER OEG-3-6-000802-1477, U.S. OFFICE OF
EDUCATION, DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
RODERS, W. GARIGLIO, L. SAGINAW SCHOOLS ILLINOIS PLATO BOOKS
PITTSBURGH PENNSYLVANIA STATE MIT BOLT BERANEK AND NEWMAN
STANFORD SDC HARVARD
REVIEW OF AUTOMATED INSTRUCTION AND HOW IT CAN BE APPLIED
TO ACHIEVE INDIVIDUALIZED INSTRUCTION- INCLUDED IS A REVIEW
OF THE PRESENT COMPUTER ASSISTED INSTRUCTION SYSTEMS.
- 493 GERARD, R.W. UNIVERSITY OF CALIFORNIA, IRVINE
SHAPING THE MIND. COMPUTERS IN EDUCATION.
APPLIED SCIENCE AND TECHNOLOGICAL PROGRESS, A REPORT TO THE
COMMITTEE ON SCIENCE AND ASTRONAUTICS, U.S. HOUSE OF
REPRESENTATIVES BY THE NATIONAL ACADEMY OF SCIENCES
GERARD, R. IRVINE
STUDY OF THE PROBLEMS OF WORKING WITH THE MIND OF MAN,
AND HOW COMPUTER SYSTEMS CAN ASSIST IN SUCH WORK.
- 494 RADDOV, KARL B. UNIVERSITY OF CALIFORNIA, IRVINE
TEACHING ECONOMICS BY COMPUTER.
COMPUTER FACILITY, UNIVERSITY OF CALIFORNIA, IRVINE, UNDATED
PAPER

- RADBV, K. IRVINE
DISCUSSION OF APPLICATION OF CAI TO TEACHING ECONOMICS,
WITH DESCRIPTION OF TWO PROGRAMS PREPARED AT IRVINE.
- 495 ENGVOLD, K.J., AND HUGHES, J.L. INTERNATIONAL BUSINESS
MACHINES
A GENERAL-PURPOSE DISPLAY PROCESSING AND TUTORIAL SYSTEM.=
INTERNATIONAL BUSINESS MACHINES, SYSTEMS DEVELOPMENT
DIVISION, Poughkeepsie, New York, TECHNICAL REPORT
TR OC-1694, JANUARY 11, 1968
ENGVOLO, K. HUGHES, J. IBM 360 2250 ADEPT
DESCRIPTION OF ADEPT, A PROGRAM FOR AN IBM 360 SYSTEM
WITH 2250 TERMINALS, DESIGNED TO PROVIDE EASE IN MAN
COMPUTER COMMUNICATIONS. EXPANDS WORK COVERED IN REFERENCE
392.
- 496 BUSHNELL, DON C. BROOKS FOUNDATION
THE INFORMATION UTILITY AND THE RIGHT OF ANONYMITY.=
EDUCATIONAL TECHNOLOGY, VOLUME VII, NUMBER 24,
DECEMBER 30, 1967, PP.1-5
BUSHNELL, D.
REVIEW OF WAYS IN WHICH COMPUTER SYSTEMS CAN MAINTAIN
RECORDS THAT COULD THREATEN PRIVACY OF THE INDIVIDUAL,
WHILE ASSISTING HIM AT THE SAME TIME.
- 497 ZINN, KARL L. UNIVERSITY OF MICHIGAN
LANGUAGES FOR PROGRAMMING CONVERSATIONAL USE OF COMPUTERS
FOR INSTRUCTION.=
DATA PROCESSING FOR EDUCATION, VOL.6, NO.11, JANUARY 1968,
PP.7-8
ZINN, K. MICHIGAN AUTHOR LANGUAGE
BRIEF DISCUSSION OF THE NEEDED FEATURES OF CAI AUTHOR
LANGUAGES.
- 498 SLACK, CHARLES W.
THE COMPUTER VERSUS THE CLOCK.=
EDUCATIONAL TECHNOLOGY, VOL.VII, NO.23, DECEMBER 15, 1967,
PAGES 1-5
SLACK, C. SCHEDULLING
AN INTERESTING DISCUSSION OF THE WAYS IN WHICH A COMPUTER
CAN ASSIST THE TEACHER IN CONSTRUCTION OF HIS DAILY
SCHEDULE.
- 499 WING, RICHARD L. COORDINATOR OF CURRICULUM RESEARCH, BOARD
OF COOPERATIVE EDUCATIONAL SERVICES, WESTCHESTER COUNTY,
NEW YORK
A REPORT ON AN EXPERIMENT WITH COMPUTER-BASED ECONOMICS
GAMES.=
PAPER PREPARED FOR 1967 ANNUAL MEETING OF THE AERA,
FEBRUARY 16, 1967
WING, R. BOCES ELEMENTARY SCHOOL
CRITICAL REVIEW OF TEACHING ECONOMICS TO SIXTH GRADE

STUDENTS BY MEANS OF COMPUTER-BASED GAMES.

- 500 THE ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
THE STUDENT-TEACHER-COMPUTER TEAM. FOCUS ON THE COMPUTER.=
DEPARTMENT OF COMPUTER APPLICATIONS, THE ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION, 102 BLOOR STREET WEST, TORONTO 5,
ONTARIO, CANADA, 1967
ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
REVIEW OF COMPUTERS WITH PARTICULAR REFERENCE TO COMPUTER
APPLICATIONS TO EDUCATION.
- 501 BOARD OF COOPERATIVE EDUCATIONAL SERVICES, YORKTOWN HEIGHTS,
NEW YORK
CENTER FOR THE DEMONSTRATION OF COMPUTER-ASSISTED
INSTRUCTION AND OTHER EDUCATIONAL MEDIA.=
BOARD OF COOPERATIVE EDUCATIONAL SERVICES, WESTCHESTER
COUNTY, YORKTOWN HEIGHTS, NEW YORK
BOCES
BRIEF DESCRIPTION OF THE MEDIA DEMONSTRATION CENTER
OPERATED BY THE NORTHERN WESTCHESTER BOCES.
- 502 UNIVERSITY OF CALIFORNIA, SANTA BARBARA
UCSB ON-LINE SYSTEM MANUAL.=
COMPUTER RESEARCH LABORATORY, UNIVERSITY OF CALIFORNIA,
SANTA BARBARA, OCTOBER 1, 1967
SANTA BARBARA
MANUAL FOR THE STUDENT LANGUAGE DEVELOPED AT SANTA
BARBARA.
- 503 THE ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
LAYMAN'S GUIDE TO THE ACTIVITIES OF THE DEPARTMENT OF
COMPUTER APPLICATIONS.=
DEPARTMENT OF COMPUTER APPLICATIONS, ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION, MARCH 1, 1967
ONTARIO INSTITUTE FOR STUDIES IN EDUCATION IBM-1500
REVIEW OF THE RESEARCH FUNCTIONS AND OTHER PROGRAMS OF
THE DEPARTMENT. INCLUDED IS A SHORT DISCUSSION OF THE IBM-
1500 INSTRUCTIONAL SYSTEM.
- 504 STANSFIELD, DAVID E. THE ONTARIO INSTITUTE FOR STUDIES IN
EDUCATION
DESIRABLE CAPABILITIES OF A CAI SYSTEM FROM ONE
COURSEWRITERS POINT OF VIEW.=
DEPARTMENT OF COMPUTER APPLICATIONS, THE ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION, AUGUST 29, 1967
STANSFIELD, D. ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
AUTHOR LANGUAGE
DISCUSSION OF FEATURES THAT WOULD BE DESIRABLE TO HAVE IN
AN ALTHOR LANGUAGE, AND GENERAL OPERATING SYSTEM FOR CAI.
- 505 ENSOR, DAVID A., AND STANSFIELD, DAVID E. THE ONTARIO
INSTITUTE FOR STUDIES IN EDUCATION

A HOME-GROWN CAI LANGUAGE.=

DEPARTMENT OF COMPUTER APPLICATIONS, ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION, OCTOBER 10, 1967

ENSOR, C. STANSFIELD, D. ONTARIO INSTITUTE FOR STUDIES IN
EDUCATION AUTHOR LANGUAGE POP-9 DEC

BRIEF DESCRIPTION OF AUTHOR LANGUAGE DEVELOPER AT THE
ONTARIO INSTITUTE FOR STUDIES IN EDUCATION. INITIAL
IMPLEMENTATION WAS FOR THE POP-9 COMPUTER.

- 506 KEMENY, JOHN G. DARTMOUTH
EDUCATION.=

THE GENERAL ELECTRIC FORUM, VOLUME X, NUMBER 4, WINTER
1967-68, PAGES 11-12

KEMENY, J. DARTMOUTH BASIC

INTERVIEW WITH KEMENY ON THE USE OF COMPUTERS IN
EDUCATION, WITH PARTICULAR REFERENCE TO THE WORK AT
DARTMOUTH WITH THE BASIC LANGUAGE.

- 507 HERRIOTT, JOHN THE ONTARIO INSTITUTE FOR STUDIES IN
EDUCATION

COMPUTERIZED EDUCATION.=

DEPARTMENT OF COMPUTER APPLICATIONS, THE ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION

HERRIOTT, J. ONTARIO INSTITUTE FOR STUDIES IN EDUCATION

STUDY OF THE ADVANTAGES OFFERED BY A COMPUTER BASED
EDUCATION SYSTEM, PROVIDED THAT IT OFFERS MORE THAN
SIMULATION OF THE TEACHER AND CLASSROOM AS THEY NOW EXIST.

- 508 HOWE, ROBERT L.

THE REAL ECONOMY OF EDUCATIONAL DATA PROCESSING.=

DATA PROCESSING FOR EDUCATION, VOL.6, NO.7, SEPTEMBER 1967,
PP.1-5

HOWE, R.

INDICATES THAT SCHOOL SYSTEMS SHOULD CONSIDER DATA
PROCESSING TO MORE EFFECTIVELY USE STAFF AND STUDENT TIME,
RATHER THAN TO REALIZE A DOLLAR SAVINGS.

- 509 MOLNAR, ANDREW R. U.S. OFFICE OF EDUCATION
THE ROLE OF COMPUTERS IN EDUCATION.=

EDUCATIONAL TECHNOLOGY, VOL.VII, NO.18, SEPTEMBER 30, 1967,
PP.9-12

MOLNAR, A. ADMINISTRATION RESEARCH

REVIEW OF THE ROLE THE COMPUTER CAN PLAY IN EDUCATION,
WITH PRESENTATION OF RESEARCH QUESTIONS THAT MUST BE
ANSWERED TO REALIZE THE FULL POTENTIAL OF COMPUTERS IN THIS
AREA.

- 510 COUGER, J.DANIEL

WHAT LEADING SCHOOLS ARE TEACHING STUDENTS ABOUT THE
COMPUTER.=

DATA PROCESSING FOR EDUCATION, VOL.6, NO.10, DECEMBER 1967,
PP.5-9

COUGER, J. BUSINESS EDUCATION

A STUDY OF THE MANNERS IN WHICH COMPUTER WORK IS CARRIED ON IN BUSINESS EDUCATION.

- 511 RESEARCH FOR BETTER SCHOOLS, INC.
---A NEW KIND OF PARTNERSHIP.=
RESEARCH FOR BETTER SCHOOLS, INC., 121 SOUTH BROAD STREET,
PHILADELPHIA, PENNSYLVANIA
RESEARCH FOR BETTER SCHOOLS BECKER, J.
OVERVIEW OF PROJECTS OF THIS REGIONAL EDUCATION CENTER,
WHICH INCLUDE WORK IN CAI.
- 512 TRAINING IN BUSINESS AND INDUSTRY
KODAKS MARKETING EDUCATION CENTER.=
TRAINING IN BUSINESS AND INDUSTRY, VOL.5, NO.3, MARCH 1968
PAGES 36-37
KODAK
BRIEF DESCRIPTION OF THE KODAK FACILITY WHICH INCLUDES A
COMPUTER-MANAGED VISUAL INSTRUCTION SYSTEM.
- 513 RATH, GUSTAVE J.
NON-CAI INSTRUCTION USING COMPUTERS AND NON-INSTRUCTIONAL
USES OF CAI COMPUTERS.=
EDUCATIONAL TECHNOLOGY, VOL.VIII, NO.3, FEBRUARY 15, 1968,
PAGES 11-13
RATH, G
CONSIDERATIONS OF WAYS IN WHICH GENERAL PURPOSE COMPUTERS
CAN BE USED FOR INSTRUCTIONAL APPLICATIONS, AS WELL AS
GENERAL APPLICATIONS OF CAI EQUIPMENT.
- 514 LUMSDEN, KEITH G. STANFORD UNIVERSITY
NEW DEVELOPMENTS IN THE TEACHING OF ECONOMICS.=
PRENTICE-HALL INC., ENGLEWOOD CLIFFS, NEW JERSEY, 1967
LUMSDEN, K. RODGERS, T. RADOV, K. STANFORD IRVINE
REVIEW OF MODERN TEACHING AIDS AND METHODS, AND HOW THEY
MAY BE APPLIED TO THE TEACHING OF ECONOMICS. INCLUDED ARE
ARTICLES BY THEODORE S. RODGERS OF STANFORD, AND KARL B.
RADOV OF THE UNIVERSITY OF CALIFORNIA AT IRVINE, DISCUSSING
CAI IN ECONOMICS INSTRUCTION.
- 515 SIMMONS, ROBERT S., AND SILBERMAN, HARRY F. SYSTEM
DEVELOPMENT CORPORATION
A PLAN FOR RESEARCH TOWARD COMPUTER-AIDED INSTRUCTION WITH
NATURAL ENGLISH.=
SYSTEM DEVELOPMENT CORPORATION, TECHNICAL MEMORANDUM,
TM-3623, AUGUST 21, 1967
SIMMONS, R. SILBERMAN, H. SDC
DESCRIPTION OF THE SDC PLAN FOR RESEARCH TO DEVELOP A
COMPUTER-BASED INSTRUCTION SYSTEM WHICH WILL INTERACT WITH
THE STUDENT IN A SUBSET OF NATURAL ENGLISH. INCLUDED IS A
DISCUSSION OF NATURAL LANGUAGE PROCESSING.

- 516 SEIDEL, R.J., AND KOPSTEIN, F.F. GEORGE WASHINGTON UNIVERSITY
A GENERAL SYSTEMS APPROACH TO THE DEVELOPMENT AND MAINTENANCE OF OPTIMAL LEARNING CONDITIONS.=
PROFESSIONAL PAPER 1-68, THE GEORGE WASHINGTON UNIVERSITY HUMAN RESOURCES RESEARCH OFFICE (HUMRR0), JANUARY 1968
SEIDEL, R. KOPSTEIN, F. GEORGE WASHINGTON UNIVERSITY HUMRR0
IMPACT
DISCUSSION OF A GENERAL SYSTEMS APPROACH TO OPTIMAL LEARNING CONDITIONS. PROJECT IMPACT, A COMPUTER ADMINISTERED INSTRUCTION SYSTEM OF HUMRR0, IS PRESENTED AS AN EXAMPLE.
- 517 ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
AN EVALUATION OF THE IBM 1500 INSTRUCTIONAL SYSTEM.=
THE ONTARIO INSTITUTE FOR STUDIES IN EDUCATION, DEPARTMENT OF COMPUTER APPLICATIONS
ONTARIO INSTITUTE FOR STUDIES IN EDUCATION MCLEAN, L.
SUMMARY OF AN EVALUATION OF THE IBM 1500 SYSTEM TO DETERMINE IF IT SHOULD BE USED BY THE INSTITUTE FOR STUDIES IN COMPUTER AIDED INSTRUCTION.
- 518 ESTERHAY, ROBERT J., JR. CASE WESTERN RESERVE UNIVERSITY
COMPUTER-ASSISTED-INSTRUCTION WITH THE PROBLEM-ORIENTED MEDICAL RECORD.=
SUMMER RESEARCH PROGRESS REPORT, CASE WESTERN RESERVE UNIVERSITY, SCHOOL OF MEDICINE, AUGUST 31, 1967
ESTERHAY, R. CASE WESTERN RESERVE IBM-1820 COMPUTEST II-D
DESCRIBES SUMMER STUDY TO BEGIN PREPARATION OF A MODEL PROGRAM OF PATIENT MANAGEMENT. THE PROGRAM, WRITTEN IN COMPUTEST II-C, WILL BE USED TO ESTABLISH A DIALOGUE BETWEEN THE PATIENT MANAGEMENT PROGRAM AND A MEDICAL STUDENT.
- 519 NEWTON, JOHN M. UNIVERSITY OF NEBRASKA AT OMAHA
THE ROLE OF COMPUTER SIMULATION IN EDUCATION AND TRAINING.=
BRIEF REPORT OF THE FIFTH ONR CONFERENCE ON CAI, THE UNIVERSITY OF TEXAS AT AUSTIN, JANUARY 30-31, 1968.
PREPARED BY ENTELEK INCORPORATED, NEWBURYPORT, MASS..
NEWTON, J. TEXAS HOLTZMAN, W. DUNHAM, J. LAGOWSKI, J. HENDREN, P. BUNDERSOHN, C. HICKEY, A. ALLEN, L. TUSSON, J. MERRILL, D. REGAN, J. SHELLEY, C.
BRIEF REVIEW OF THE PAPERS AND DISCUSSION OF THE JANUARY 1968 CONFERENCE.
- 520 HANSEN, DUNCAN N., DICK, WALTER, AND LIPPERT, HENRY T.
FLORIDA STATE UNIVERSITY
SEMIANNUAL PROGRESS REPORT.=
COMPUTER-ASSISTED INSTRUCTION CENTER, INSTITUTE OF HUMAN LEARNING, FLORIDA STATE UNIVERSITY, REPORT NUMBER 6, JANUARY 1, 1968
HANSEN, C. DICK, W. LIPPERT, H. FLORIDA STATE IBM-1500 PHYSICS INTERMEDIATE SCIENCE BEHAVIORAL SCIENCE IBM-1440

REPORT OF ACTIVITIES OF THE FLORIDA STATE CAI CENTER FOR THE PERIOD JULY 1, 1967 THROUGH DECEMBER 31, 1967. ALONG WITH REPORTS OF ACTIVITIES ARE COPIES OF PAPERS GIVEN BY THE CAI STAFF DURING THE PERIOD.

- 521 U.S. NAVAL ACADEMY
COMPUTER-AIDED EDUCATION AT THE U.S. NAVAL ACADEMY.=
ACADEMIC COMPUTING CENTER, U.S. NAVAL ACADEMY, ANNAPOLIS,
MARYLAND
NAVAL ACADEMY
BRIEF OVERVIEW OF COMPUTER-AIDED EDUCATION PROGRAM AT THE
U.S. NAVAL ACADEMY.
- 522 QUINN, PAUL L., RICHARDSON, WILLIAM M. U.S. NAVAL ACADEMY
TIRRELL, JOHN A., BEZEN, JOSEPH J. GENERAL LEARNING
CORPORATION
FACULTY COURSE IN EDUCATIONAL TECHNOLOGY, A REVIEW AND
GUIDE.=
ACADEMIC COMPUTING CENTER, U.S. NAVAL ACADEMY, ANNAPOLIS,
MARYLAND
QUINN, P. RICHARDSON, W. TIRRELL, J. BEZEN, J. NAVAL ACADEMY
GENERAL LEARNING CORPORATION
OUTLINE OF MATERIAL PRESENTED IN A COURSE IN EDUCATIONAL
TECHNOLOGY FOR FACULTY MEMBERS AT THE NAVAL ACADEMY IN THE
FALL OF 1966. INCLUDED IS A DISCUSSION OF EDUCATIONAL
APPLICATION OF THE COMPUTER.
- 523 SPERRY RAND CORPORATION
UNIVAC COMPUTER ORIENTED PROGRAMMED INSTRUCTION, COPI.=
PUBLICITY FOLDER, UNIVAC DIVISION, SPERRY RAND CORPORATION
SPERRY RAND
BRIEF DESCRIPTION OF THE UNIVAC CONCEPT OF A COMPUTER
BASED INSTRUCTION SYSTEM.
- 524 QUINN, PAUL L. U.S. NAVAL ACADEMY
U.S. NAVAL ACADEMY FEASIBILITY AND APPRECIATION STUDY OF
REMOTE TERMINAL ON-LINE COMPUTING IN EDUCATION.=
ACADEMIC COMPUTING CENTER, U.S. NAVAL ACADEMY, ANNAPOLIS,
MARYLAND, OCTOBER, 1966
QUINN, P. DARTMOUTH-GE SYSTEM BASIC IBM COURSEWRITER SDC
PLANIT SDS-940 PROJECT-MAC BELT BERANEK AND NEWMAN TELCOMP
MENTOR ILLINOIS PLATO
REPORT OF SUMMER STUDY IN 1966, AT THE NAVAL ACADEMY,
TO INVESTIGATE THE APPLICATION OF COMPUTERS TO EDUCATION.
INCLUDED ARE PRESENTATIONS ON THE DARTMOUTH-GE SYSTEM USING
BASIC, IBM COURSEWRITER, SDC PLANIT, SDS-940 SOFTWARE,
PROJECT MAC, BELT, BERANEK AND NEWMAN TELCOMP AND MENTOR,
AND UNIVERSITY OF ILLINOIS PLATO.
- 525 MATHIEU, RICHARD C., AND QUINN, PAUL L. U.S. NAVAL ACADEMY
INTRODUCTION OF COMPUTER-AIDED INSTRUCTION INTO AN AEROSPACE
ENGINEERING CURRICULUM.=

PAPER PRESENTED AT THE FIFTH SPACE CONGRESS, COCOA BEACH, FLORIDA, MARCH 11-14, 1968

MATHIEU, R. QUINN, P. NAVAL ACADEMY BASIC IBM-1500

REPORT ON WAYS A COMPUTER CAN ASSIST IN AEROSPACE ENGINEERING INSTRUCTION. WORK WITH BOTH A BASIC SYSTEM AND THE IBM-1500 INSTRUCTIONAL SYSTEM ARE COVERED.

- 526 QUINN, PAUL L. U.S. NAVAL ACADEMY
REPORT ON SPOT TESTING OF COMPUTER-ASSISTED EDUCATION.=
REPORT NO. PR-0767-3, ACADEMIC COMPUTING CENTER, U.S. NAVAL ACADEMY, ANNAPOLIS, MARYLAND, DECEMBER 1967.
QUINN, P. NAVAL ACADEMY BASIC PHYSICS LINEAR SYSTEMS WEAPONS CONTROL SYSTEMS CHEMISTRY OPERATIONS ANALYSIS ENGINEERING UNDERWATER ACOUSTICS
REPORT OF INITIAL INTRODUCTION OF THE STUDENTS AT THE NAVAL ACADEMY TO COMPUTER-AIDED EDUCATION. INCLUDED ARE LISTING OF THE PROGRAMS IN THE BASIC LANGUAGE. AREAS INVOLVED IN THE WORK ARE PHYSICS, LINEAR SYSTEMS, WEAPONS AND CONTROL SYSTEMS, CHEMISTRY, OPERATIONS ANALYSIS, ENGINEERING, AND UNDERWATER ACOUSTICS.
- 527 STOLLEROW, LAWRENCE M. HARVARD UNIVERSITY
THE HARVARD UNIVERSITY COMPUTER-ASSISTED INSTRUCTION LABORATORY.=
TECHNICAL REPORT NO. 1, HARVARD COMPUTING CENTER, MAY 1967
STOLLEROW, L. IBM-1401 701C 360/50 SDS-940 IBM-1500
DISCUSSION OF PROPOSED PROGRAMS OF THE HARVARD CAI CENTER, WORK IS TO BE DONE ON IBM-1401, IBM-701C, IBM-360/50, SDS-940, AND IBM-1500 COMPUTERS.
- 528 HAGA, ENOCH, EDITOR
AUTOMATED EDUCATIONAL SYSTEMS.=
THE BUSINESS PRESS, ELMHURST, ILLINOIS, 1967
SIMS, R. HAGA, E. ALCORN, B. SMITH, R. WHITLOCK, J. GROSSMAN, A. WOLLATT, L. FOWE, R. SECKEL, R. DERODEFF, M. DUSSELDORP, R. FURNØ, Ø. KARAS, M. FAULKNER, M. KAIMANN, R. RAKER, M. WOOD, M. SILVERN, G. SILVERN, L. URETSKY, M.
PRIMARILY DISCUSSIONS OF APPLICATION OF COMPUTERS TO EDUCATION IN AN ADMINISTRATIVE SENSE. ALSO INCLUDED ARE ARTICLES ON THE GRADUATE CAI COURSE AT UCLA AND THE PLATO SYSTEM AT ILLINOIS
- 529 BUNDY, ROBERT F. SYRACUSE UNIVERSITY
COMPUTER-ASSISTED INSTRUCTION - WHERE ARE WE .=
PHI KAPPA KAPPAN, VOL. XLIX, NO. 8, APRIL 1968, PP. 424-429
BUNDY, R.
OVERVIEW OF CAI. INCLUDED IS A DISCUSSION OF REPORTED CAI RESEARCH, THE KIND OF RESEARCH THAT IS NEEDED, AND TRENDS IN CAI.
- 530 TRIPPEN, MARIANNE UNIVERSITY OF ILLINOIS
PLATO AT WORK.=

PHI DELTA KAPPAN, VOL.XLIX, NO.8, APRIL 1968, PP.439-441
TRIPPEN, M. ILLINOIS

SHORT SUMMARY OF THE PLATO COMPUTER-BASED INSTRUCTION
SYSTEM AT THE UNIVERSITY OF ILLINOIS.

- 531 THATCHER, DAVID A.
TEACHER VS. TECHNICIANS, WE STILL HAVE A CHOICE.=
PHI DELTA KAPPAN, VOL.XLIX, NO.8, APRIL 1968, PP.435-438
THATCHER, D.
SHORT ARTICLE DESCRIBING THE POTENTIAL DANGERS OF
INDUSTRY CONTROLLING DEVELOPMENT OF EDUCATIONAL MEDIA.
- 532 BARRETT, RICHARD S. CASE AND COMPANY
THE COMPUTER MENTALITY.=
PHI DELTA KAPPAN, VOL.XLIX, NO.8, APRIL 1968, PP.430-434
BARRETT, R.
CRITICALLY DISCUSSES THE COMMONLY CLAIMED ADVANTAGES OF
CAI, POINTING OUT THAT THESE ADVANTAGES ARE SELDOM OBVIOUS.
- 533 SUPPES, PATRICK STANFORD UNIVERSITY
COMPUTER TECHNOLOGY AND THE FUTURE OF EDUCATION.=
PHI DELTA KAPPAN, VOL.XLIX, NO.8, APRIL 1968, PP.420-423
SUPPES, P. STANFORD
OVERVIEW OF CAI AND HOW IT CAN BE APPLIED TO
INDIVIDUALIZE INSTRUCTION.
- 534 AUTOMATED EDUCATION LETTER
COMPUTERS COULD RETURN LEARNING TO THE HOME.=
AUTOMATED EDUCATION LETTER, VOL.3, NO.3, MARCH 1968, PP.3-6
SUPPES, P. STANFORD
SUMMARY OF REMARKS BY SUPPES AT A 21ST CENTURY LECTURE
ON COMPUTERS IN EDUCATION. POINTS OUTS MEANS BY WHICH
COMPUTERS CAN BE USED TO INDIVIDUALIZE INSTRUCTION.
- 535 AUTOMATED EDUCATION LETTER
YEAR OF CHALLENGE IS PREDICTED FOR COMPUTER EDUCATION.=
AUTOMATED EDUCATION LETTER, VOL.3, NO.2, FEBRUARY 1968,
PP.3-4
RHEA, J RCA SPECTRA 70/45 NEW YORK CITY SCHOOLS
SUMMARY OF REMARKS BY JOHN RHEA INDICATING THAT THE
INSTALLATION OF THE RCA CAI SYSTEM IN THE NEW YORK CITY
SCHOOL SYSTEM WOULD GIVE A GOOD INDICATION OF THE POTENTIAL
OF CAI.
- 536 DORN, WILLIAM S. INTERNATIONAL BUSINESS MACHINES
COMPUTERS IN THE HIGH SCHOOL.=
DATAMATION, FEBRUARY 1967, PP.34,35,38
DORN, W. MATHEMATICS CEI
DISCUSSES COMPUTER-EXTENDED INSTRUCTION, (CEI), A MEANS
BY WHICH MATHEMATICS INSTRUCTION IS MOTIVATED BY HAVING THE
STUDENTS PROGRAM VARIOUS PROBLEMS.

- 537 CHARP, SYLVIA SCHOOL DISTRICT OF PHILADELPHIA
WYE, ROGER E. PHILCO-FORD CORPORATION
PHILADELPHIA TRIES.=
EDUCATIONAL TECHNOLOGY, VOL. VIII, NO. 9, MAY 15, 1968
PAGES 13-15
CHARP, S. WYE, R. PHILADELPHIA SCHOOLS PHILCO-FORD 211 INFORM
DESCRIPTION OF PROJECT GRON, THE CAI SYSTEM OF THE
PHILADELPHIA SCHOOLS, BUILT AROUND THE PHILCO-FORD 211 DATA
PROCESSING SYSTEM, AND USING INFORM AS THE CAI LANGUAGE.
- 538 STANSFIELD, DAVID THE ONTARIO INSTITUTE FOR STUDIES IN
EDUCATION
THE COMPUTER AND EDUCATION.=
EDUCATIONAL TECHNOLOGY, VOL. VIII, NO. 10, MAY 30, 1968
PAGES 3-8
STANSFIELD, D. ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
DISCUSSION OF THE ROLE CAI SHOULD PLAY IN THE FUTURE OF
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GOALS.
- 539 FERRARO, EUGENE T. DEPUTY UNDER SECRETARY OF THE AIR FORCE
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PAGES 4-6
FERRARO, E. BRUDNER, H.
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EDUCATIONAL TECHNOLOGY, VOL. VIII, NO. 11, JUNE 15, 1968
PAGES 5-10
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- 543 BENDER, ERIC
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HARPERS MAGAZINE, VOL. 230, NO. 1376, JANUARY 1965, PP.48-55
BENDER, E. PROGRAMMED INSTRUCTION
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- 544 WEIZENBAUM, JOSEPH MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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- 545 NEW YORK CITY BOARD OF EDUCATION
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RCA SPECTRA 70/45
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- 546 RADIO CORPORATION OF AMERICA
INSTRUCTIONAL 70, GENERAL INFORMATION MANUAL.=
RCA INSTRUCTIONAL SYSTEMS, 530 UNIVERSITY AVENUE, PALO ALTO,
CALIFORNIA. APRIL 1966, REVISION NO.1, NO.6
RCA SPECTRA 70/45 INSTRUCTIONAL LANGUAGE-1
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- 547 RADIO CORPORATION OF AMERICA
INSTRUCTIONAL 70, TEACHERS GUIDE.
RCA INSTRUCTIONAL SYSTEMS, 530 UNIVERSITY AVENUE, PALO ALTO,
CALIFORNIA. APRIL 1968, REVISION NO.1, NO.9
RCA SPECTRA 70/45 MATHEMATICS DRILL AND PRACTICE
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- 548 RADIC CORPORATION OF AMERICA
USERS GUIDE TO INSTRUCTIONAL LANGUAGE-1.
RCA INSTRUCTIONAL SYSTEMS BULLETIN, DECEMBER 1, 1967, RCA
INSTRUCTIONAL SYSTEMS, 530 UNIVERSITY AVENUE, PALO ALTO,
CALIFORNIA
RCA SPECTRA 70/45
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- 549 RADIC CORPORATION OF AMERICA
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RCA INSTRUCTIONAL SYSTEMS, 530 UNIVERSITY AVENUE, PALO ALTO,
CALIFORNIA. JUNE 1967, NO.5, REV.1
RCA SPECTRA 70/45 STUDENT RECORDS
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- 550 RADIC CORPORATION OF AMERICA
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CALIFORNIA. JUNE 1968, REVISION NO.1
RCA SPECTRA 70/45 INSTRUCTIONAL LANGUAGE-1
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- 551 HARMAN, F.H., HELM, C.E., AND LOYE, D.E. EDITORS
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PRINCETON, N.J.
EDUCATIONAL TESTING SERVICE, PRINCETON, N.J., 1968
EDUCATIONAL TESTING SERVICE HARMAN, F. HELM, C. LOYE, D.
ANASTASIO, E. BAYROFF, A. BECKER, G. CABOT, R. FOREHAND, G.
LEVITT, H. LINN, R. MORRISON, H. NEWELL, A. NORMAN, W. ROCK, D.
OSBURN, H. RUDERMAN, R. SHUFORD, E. SMITH, K. VINSONHALER, J.
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- 553 WATERFORD TOWNSHIP SCHOOL DISTRICT
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PROGRESS REPORT NUMBER 1, FOR THE PERIOD AUGUST 1, 1967 TO
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WALTER BOULEVARD, PONTIAC, MICHIGAN 48055
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- 554 THE UNIVERSITY OF ALBERTA
INTRODUCTION TO APL 360/67 PROGRAMMING.=
RESEARCH AND INFORMATION REPORT CAI-5-67, NOVEMBER 1967,
THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA, CANADA
ALBERTA IVERSON, K.
MANUAL FOR THE UNIVERSITY OF ALBERTA APL SYSTEM. THIS
INTERACTIVE STUDENT LANGUAGE IS AN IMPLEMENTATION OF THE
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- 555 ALTOONA AREA SCHOOL DISTRICT
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- 556 DIGITAL EQUIPMENT CORPORATION
FOCAL PROGRAMMING MANUAL.=
DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASS. 1968,
DEC-C8-AJAB-D
DEC PDP-8/I
INTRODUCTORY MANUAL FOR FOCAL, AN INTERACTIVE STUDENT
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COMPUTER.
- 557 TAYLOR, EDWIN F., EDITOR MASSACHUSETTS INSTITUTE OF
TECHNOLOGY
ELIZA, A SKIMMABLE REPORT ON THE ELIZA CONVERSATIONAL
TUTORING SYSTEM
THE EDUCATION RESEARCH CENTER, MASSACHUSETTS INSTITUTE OF
TECHNOLOGY, MARCH 1968
TAYLOR, E. WEIZENBAUM, J. BREHME, R. SHERMAN, N. KNUDSEN, M.
MIT WAKE FOREST PHYSICS IBM 7094
COLLECTION OF PAPERS ON ELIZA, AN INTERACTIVE FREE FORM
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- 558 NEVISON, JOHN M., AND WARREN, JOHN DARTMOUTH COLLEGE
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SECONDARY SCHOOL TEACHERS.=
KIEWIT COMPUTATION CENTER, DARTMOUTH COLLEGE. NSF-DARTMOUTH
SECONDARY SCHOOL PROJECT, GRANT NO.GW-2246, AUGUST 1967
NEVISON, J. WARREN, J. DARTMOUTH BASIC
SUMMARY OF THE PROGRAM AT DARTMOUTH TO PREPARE HIGH
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- 559 HEWLETT-PACKARD COMPANY
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HEWLETT-PACKARD HP 2000A COMPUTER
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- 560 ATKINSON, RICHARD C. STANFORD UNIVERSITY
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AMERICAN PSYCHOLOGIST, VOL.23, NO.4, APRIL 1968, PAGES 225-
239
ATKINSON, R. STANFORD IBM-1500 READING COURSEWRITER-II
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JOURNAL OF EDUCATIONAL PSYCHOLOGY, 1968, VOL.59, NO.4,
PAGES 290-296
FISHMAN, E. KELLER, L. ATKINSON, R. STANFORD
RESULTS OF A CAI STUDY IN SPELLING FOR FIFTH GRADERS.
- 562 THE SCHOOL DISTRICT OF PHILADELPHIA
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ANNUAL REPORT, DIVISION OF INSTRUCTIONAL SYSTEMS, THE SCHOOL
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PHILADELPHIA SCHOOLS PHILCO-FORD 211 102
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A PLAN FOR THE ESTABLISHMENT OF A COMPUTER-AIDED INSTRUCTION
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REPORT PREPARED FOR THE OFFICE OF NAVAL RESEARCH BY GENERAL

LEARNING CORPORATION, 5454 WISCONSIN AVE., WASHINGTON, D.C.,
CONTRACT NO. N00014-67-C-0219, JULY 1967
TÖRR, C. MÖLELLÖ, S. PREVEL, J. GENERAL LEARNING CORPORATION
OFFICE OF NAVAL RESEARCH

PLAN, TO BE IMPLEMENTED OVER FIVE YEARS, TO ESTABLISH A
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- 564 DEAN, PETER INTERNATIONAL BUSINESS MACHINES
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- 565 DAIGRN, ARTHUR UNIVERSITY OF CONNECTICUT
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ENGLISH JOURNAL, IV, JANUARY 1966, PAGES 46-53
DAIGRN, A.

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UNIVAC DIVISION OF THE SPERRY RAND CORPORATION

UNIVAC

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